Record

MARPLES

RIDGWAY

GILBOW

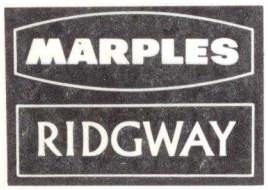
LINDSTRÖM

BAHCO

Record
Vices. Cramps. Bolt Cutters. Pipe Tools. Tube and Pipe Bending Tools.

Record Marples
Hammers. Planes

Marples
Wood Chisels and Gouges. Carving Tools. Wood Turning Tools. Marking Out Tools. Screwdrivers. General Tools



Marples Ridgway
Holding and Mitreing Tools. Woodbits. Auger Bits.

Ridgway
Flatbits, Countersinks. Centre Bits. Expansive Bits. Augers.

Gilbow
Engineers Chisels. Snips and Shears.

Bahco
Adjustable Wrenches. Screwdrivers. Pliers, Nippers and Pincers. Electronic Pliers.

BAHCO AND LINDSTROM PRODUCTS ARE NOT AVAILABLE FOR SALE OUTSIDE THE UK AND EIRE FROM BAHCO RECORD TOOLS*

Lindström
Electronic Pliers. Pliers, Nippers and Pincers.

Conditions of Sale

1. **CONDITIONS.** All goods are sold subject to these Conditions which shall prevail over any conflicting conditions sought to be imposed by a customer. These Conditions should be read in conjunction with the Terms as stated in our current price list.

2. **CONTRACT.** Publication of our price list constitutes an offer, and the placing of an order is deemed to be an acceptance of that offer. The resulting contract is subject to these Conditions of Sale.

3. **PROPERTY.** Property in goods shall not pass to the customer until the whole of the purchase price has been paid; notwithstanding this, a customer may re-sell goods as a Principal on condition that, so long as any part of the purchase price remains due to us, the customer shall account to us for the proceeds of such re-sale to the extent of the amount outstanding and shall hold such proceeds as a trustee.

4. **RISK.** Risk shall not pass at the same time as Property in the goods but shall pass at the time of delivery in accordance with our Terms.

5. **SPECIFICATION.** We reserve the right to alter without prior notice the specification of any goods listed in the catalogue.

6. **SPECIALS.** Where any goods are made by us to a customer's design the customer must indemnify us against all claims and liability for breach of any patent, copyright or registered design.

7. **PART DELIVERIES.** We reserve the right to make part deliveries against any order and to invoice all such at the time of despatch. Such invoices will be payable notwithstanding that the balance of the order has still to be delivered.

8. **DELIVERY.** Delivery of all orders will be made as early as practicable, or as close as practicable to customers' specific requirements. Notwithstanding any delay, however, orders will remain valid and binding.

9. **CANCELLATION.** Cancellation of any order or part of an order will be accepted only with our prior consent.

10. **RETURN OF GOODS.** Goods may only be returned with our written consent. On such return they will be credited at the invoiced price less a handling charge. Consent will not be given to return goods made specially to order.

11. **GUARANTEE.** Our products are guaranteed against defects in material or workmanship subject to fair and proper usage. Any article claimed to be defective will be repaired or replaced free of charge if, when returned to us carriage paid, examination confirms such defect; we reserve the right to repair tools, or replace defective parts only, rather than replace the complete article. Customers are not authorised to make replacement of our products without prior approval by us.

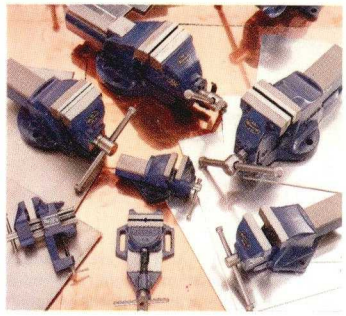
12. **LIABILITY.** Subject to the foregoing guarantee, all warranties express or implied, conditions, undertakings or representations, however imposed, are hereby expressly excluded. We will not be responsible for consequential loss, damages or any other liability, howsoever arising.

13. **LEGAL CONSTRUCTION.** These Terms and Conditions shall be construed according to the Law of England, and all sales subject to them shall be deemed to have been made in England.

Terms

Please refer to our current price list
which is available on request

The Bahco Record Tool Group



This catalogue is one of the most exciting books in the tool trade. Not merely because it is the first fully comprehensive catalogue of our new range of products but because it represents the start of a new era.

As one of our customers, you are an important part of that future and we would like you to spend a few moments seeing how we have tried to prepare for our future together.

The Present

We both operate in a tough, competitive environment. Our illustrious past has given us a very sound base on which to build.

The acquisition of Record Ridgway Limited by A. B. Bahco in March, 1981 and the formation of the Bahco Record Tool Group established us as an international manufacturer and marketeer of quality hand tools which lead and dominate their field in a variety of market segments.

Our joint success depends upon our strategy for today guaranteeing our future survival and success for a profitable tomorrow. Fundamental to this belief are two themes:

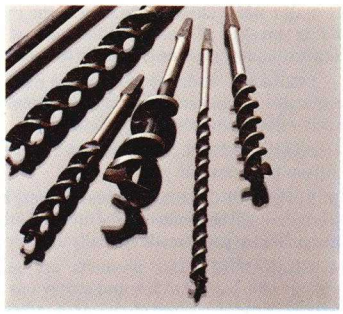
1 Diversification of effort only leads to a dilution of the strengths which we already have. We are therefore concentrating our activities on product groups where today we are strong and successful.

2 Despite the fierce competition from low quality, cheap and frequently imported tools, we have decided not to lower our standards in any way. We have not succumbed to the temptation of introducing an economy or budget range of products. We have improved our competitiveness by product re-design and critical cost analysis. This has been achieved without sacrificing product quality and without increasing stock holding costs. Simply our products are designed and priced to **sell**, offering our distribution channels a reasonable **profit** on investment and offering the consumer a top **quality** product at a **value for money** price.

The Future

Branding

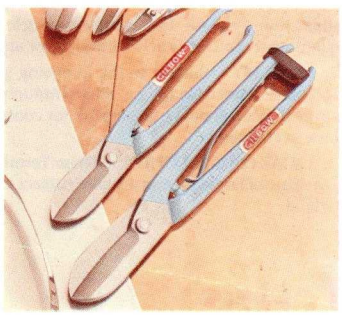
Our traditionally successful brand names of Record, Marples, Gilbow, Bahco, Ridgway and Lindström will be at the forefront of all marketing and selling activity.



Product Range

Our future will be built on quality tools manufacturered in British factories for Record, Marples, Ridgway and Gilbow ranges and in Swedish and French factories for Bahco and Lindström products.

The emphasis on production will be for high volume and lower unit costs. We intend to manufacture more products in our factories to price levels more effectively tailored to our customer requirements.

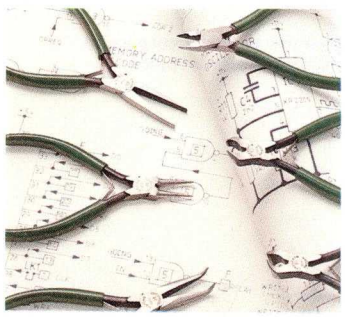


Product Development

Our plans dictate that our range will be dynamic. Continuous developments will result in new products being introduced, always concentrating on those market segments in which today we are already strongest.

Distribution

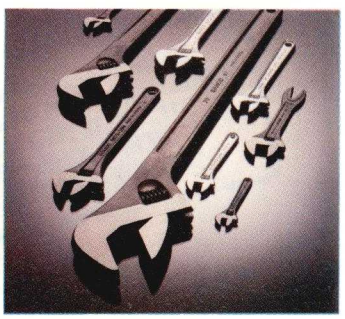
Bahco Record products will continue to be distributed by the most effective channels available in any country in the world. We shall seek to improve that distribution if necessary to provide customers with the best possible service related to our ranges.



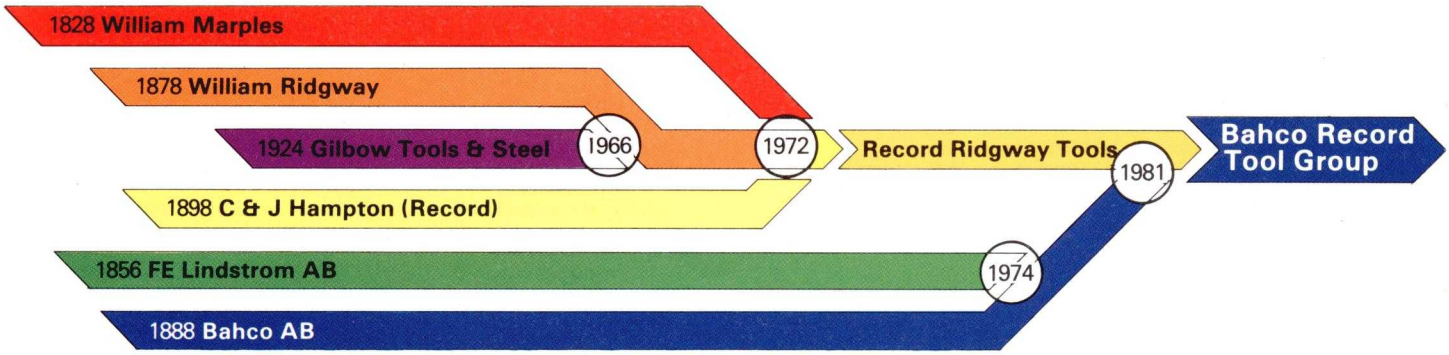
After Sales Service

We are so confident of the high quality of our products that we encourage our customers to use them with the fullest confidence that Bahco Record Tools will replace any defective item. Unlike some of our competitors we are confident that we shall be here in twenty years time to make good any claims, long after some others have fallen by the wayside.

We hope that you are confident in our ability to produce the right product at the right price and that the philosophy we have adopted is right for both of us. We want you to buy our products and we wish to make it as easy as possible for you to enjoy good results from either selling or using those products. We are always happy to hear your views and receive your assistance in matching our range and service as closely as possible to your own requirements.



The Past



C & J Hampton Limited

In 1898, Charles and Joseph Hampton left Wednesbury in the West Midlands and moved to Sheffield, setting up as manufacturers of tools, jacks, marling shackles and fly wheel castings. The decision was reached in 1909 to concentrate on hand tool manufacturer and the 'Record' trade mark was registered in the UK and other countries.

In 1923 the Company developed a range of pipe tools, planes and bolt cutters and in 1946 formed the Record Tool Company to protect the brand name. After acquiring an equal 50% interest with William Ridgway in William Marples and Sons Limited, in 1963 the Company moved to its present Parkway, Sheffield site.

In 1972 the Company merged with William Ridgway to form Record Ridgway Tools Ltd.

William Marples & Sons

At the age of 28, after learning his trade in his father's Joiners Tool and Skate firm sited on Sheffield Moor, William Marples left his father's employ and started his own company in Sheffield in 1828.

Success followed and in 1859 after two moves to larger premises, William's three sons, Edwin Henry, William Kent and Albert Marples joined him in his business. Continued prosperity and the requirement of consistently larger premises led to the decision to resite the factory on the outskirts of Sheffield in a purpose built factory in 1967. Today, the Marples name is associated with the best quality woodworking, craftsmen's tools in the world.

William Ridgway & Sons

If, in 1878, business had been prosperous and William Ridgway, plying his trade as a skilled hand-forger of augers and auger bits, had not been forced to work on short-time, the establishment of William Ridgway and Sons would never have happened.

As it was, with a family to support, he decided that he would probably do better if he took the bold step of setting up business on his own. The firm has never looked back.

Early on, William Ridgway turned his attention to improving the design of woodboring tools used by wagon builders and repairers. He worked closely with them, with the result that he was able to provide bits that were better in design and quality than those they could obtain elsewhere. As wagon builders travelled about the country to fulfill contracts for railway wagons, they spread the reputation of Ridgway bits over a wide area. It is on this solid foundation of specialised quality production that the firm of William Ridgway & Sons has grown to its present stature.

In 1972, the firm merged with C & J Hampton to form Record Ridgway Tools Limited.

The Gilbow Tool & Steel Company

This Company was formed in 1924 by a Mr J W Ward, who had long, first hand experience in the production of hand tools. Through his own skill and the expertise of his son, Gilbert, who was a highly qualified engineer, they produced the range of Tinman's shears and engineers' chisels. This manufacturing specialisation and the emphasis placed on high quality resulted in their products gaining the prominent position enjoyed in many parts of the world today.

F E Lindström AB

One of the oldest manufacturers of pliers in the world, the Company celebrated its 125-year Jubilee in 1981.

The explanation for 125 years of successful plier manufacture can be summed up in one word – quality.

From small beginnings, when the founder of the Company, Frans Erland Lindstrom started manufacturing simple pliers for farmers, blacksmiths and craftsmen by hand in 1856; to the development of small, precision pliers of high quality to meet the fine mechanical requirements of the electronic industry, Lindstrom pliers have come to be regarded as the best in the world.

In 1980, F E Lindstrom AB moved into a new factory with purpose-built machinery of their own construction. This means that the Company is not just one of the oldest, but perhaps the most modern manufacturer of pliers in the world.

Quality, i.e. life and cutting capacity, is the keyword for Lindström pliers.

AB Bahco Verktyg

The story of Bahco begins with an outstanding entrepeneur and inventor called J P Johannson, a blacksmith living in Enkoping, Sweden, who spent a large amount of his time assisting farmers in the district as a service and repair man.

His job forced him to carry around a heavy and cumbersome supply of open-ended spanners to allow complete servicing of agricultural machines. To rid himself of this burden, he designed in 1892 a spanner which could be adjusted, by means of a shifting screw, and thus replace a large number of fixed spanners.

The adjustable wrench was born.

The meteoric success of his invention forced him to give up his job as a blacksmith and concentrate on the manufacture of hand tools – adjustable wrenches and adjustable pipe wrenches (which he invented in 1888). Today the adjustable wrench remains one of the main pillars of the Company's reputation and is currently manufacturered in greater numbers than ever before.

Over the years, Bahco has built up an extensive range of quality tools including pipe tools, fixed spanners, screwdrivers and pliers and are today one of the foremost manufacturers and sellers of hand and power tools in the world.

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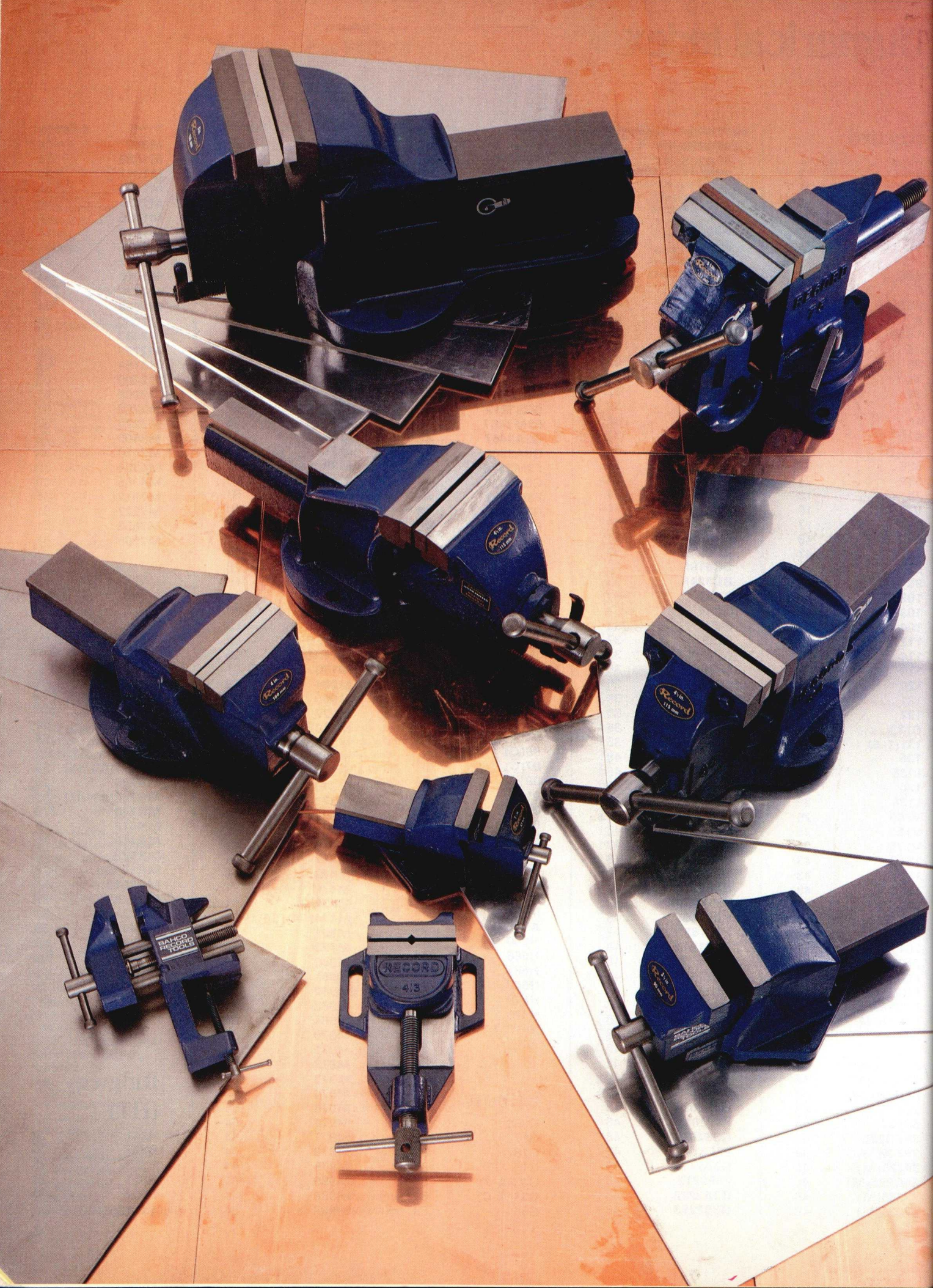
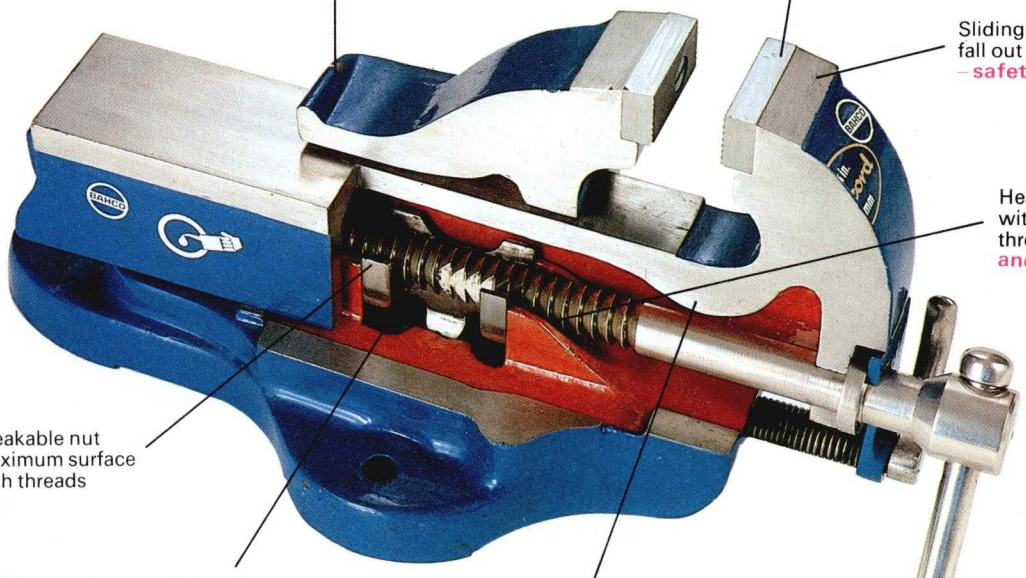

RECORD
4½
BAHCO
RECORD
TOOLS

Record Metalworking Vices

Record manufacture the most comprehensive range of vices. Our extraordinary high standard of quality has made the name of Record synonymous with vices throughout the world. Qualities such as reliability, fitness-for-purpose and value-for-money are taken for granted and have typified Record products for almost a century.


Deflectors keep moving parts free of filings – thus reducing wear
Hardened steel jaw plates, file cut for good grip, renewable – extends life of the vice
Sliding section will not fall out when fully extended – safety feature
Heavy-duty main screw with accurately die cut thread – for long life and positive action
Long unbreakable nut ensures maximum surface contact with threads – long life
Nut housed between integrally cast load bearing abutments – smooth action
Nut dovetailed against integrally cast load-bearing abutment – smooth action
(Plain screw vices)
Accurately machined components provide precise bearing surface – ensures smooth operation

Additional features which make Record vices what they are today are:

- ★ Robust castings, of guaranteed strength, are produced in Bahco Record's own fully automated foundry to ensure long life and confidence in use. Castings are designed to withstand distortion under maximum pressure.
- ★ Accurate machining of body and slide provides smooth and positive operation.
- ★ All components readily available should the need ever arise to replace worn or damaged parts. Spare parts significantly reduce maintenance costs.
- ★ A long unbreakable replaceable nut, originated by Record, maintains constant alignment and increases life of screw mechanism.
- ★ Quick release action (on certain types) reduces fatigue and saves man hours by allowing rapid opening and closing of jaws without winding the main screw.
- ★ Sliding jaw will not fall out when fully extended – important safety feature.
- ★ Renewable and interchangeable hardened jaw plates extend the life of the vice and minimize repair costs.
- ★ Fibre grips are available and prevent damage to delicate or plated materials.
- ★ Swivel bases (optional on certain types) provide 360° rotation and can be locked in any position for easier, safer working.

Record metalworking vices are available for all applications from light-duty vices for instrument makers, jewellers and modelmakers, plus a variety of vices for mechanics, fitters, engineers and other industrial users, through to heavy-duty vices for the most rugged and demanding work.

Vice selection

The Record vice range is extensive – designed to meet specific needs from powerful grip to heavy-duty strength able to withstand rugged hammering.

Use the charts below to determine the features and size you require then refer to specific model details on the following pages.

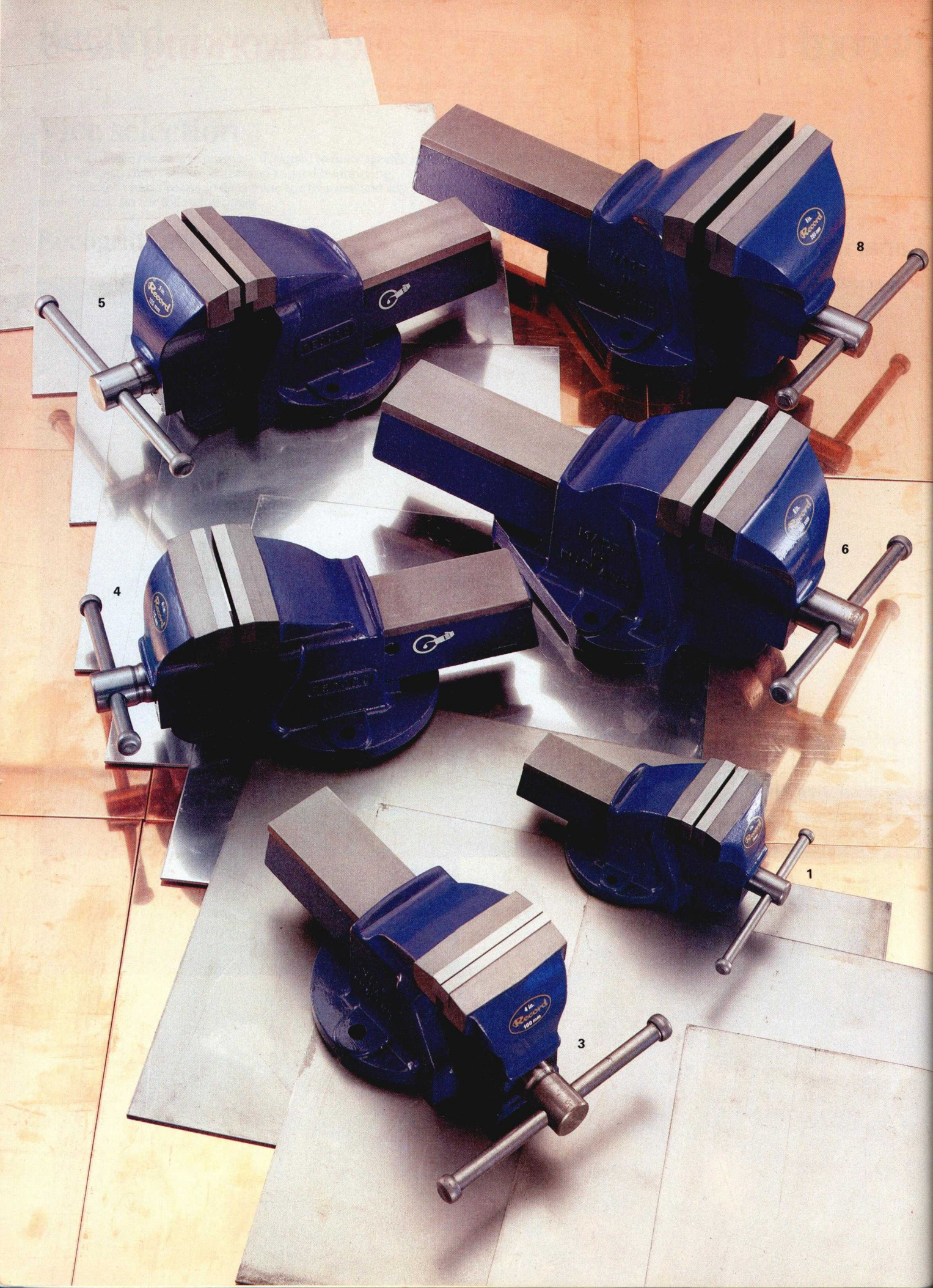
Recognition chart

Vice Description	Vice No.	BASIC FEATURES						
		Quality grey iron castings	High tensile castings	Plain screw	Quick release	Pipe jaws	Off-set jaws	Integral anvil
Mechanics	1–8	■		■				
Fitters	23, 25	■			■			
Engineers	34, 36		■		■			■
Table	V75	■		■		■		■
Multi-purpose	75		■	■		■	■	■
Military	84		■		■			
Engineers	112, 114		■		■			■
Drill press	413, 414	■				■		

Vice Description	Vice No.	OPTIONAL ACCESSORIES		
		Swivel base	Fibre grips for jaws	Replacement jaw plates
Mechanics	1–8	■	■ ex 8	■
Fitters	23, 25		■	■
Engineers	34, 36		■	■
Table	V75			
Multi-purpose	75	supplied	supplied	■
Military	84		■	■
Engineers	112, 114		■ ex 114	■
Drill press	413, 414			

Capacities

Max. jaw opening		Jaw width							
mm	in.	75 mm 3"	100 mm 4"	110 mm 4¼"	115 mm 4½"	125 mm 5"	135 mm 5¼"	150 mm 6"	205 mm 8"
50	2	**V75**							
85	3¼	**1**							
120	4¾		**3**						
135	5¼				**34**				
145	5¾				**84**				
165	6½			**23**		**5**			
180	7						**75**		
185	7¼							**112**	
190	7½							**36**	
205	8							**6**	
210	8¼							**25**	
235	9¼								**8** **114**


8
5
6
4
1
3

Mechanics vices

ecord Mechanics vices are the most popular and widely used general-purpose vices for light to ıedium duty applications.

High-quality grey iron castings, machined to very close tolerances, are designed to ithstand distortion under pressure.

Smooth, dependable action is provided by the long barrelled, unbreakable nut which is ovetailed into the body.

Perfect alignment of main screw and nut reduces wear and gives long trouble-free ervice.

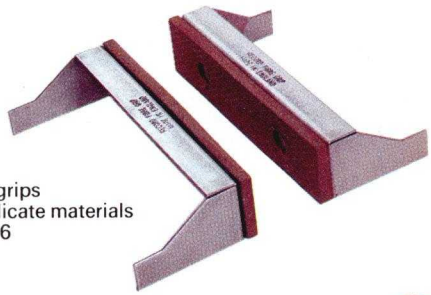
These vices are available with *optional* SWIVEL BASES* which allow rotation through 60° with positive, firm locking in any position.

Record Mechanics vices are fully guaranteed against manufacturing and material efects. Their intended use is for gripping and they should not be used in situations where very eavy hammering is anticipated. For this application a heavy-duty vice, with integral anvil is ecommended.

Iaterials: *Body and sliding jaw*, high-quality castings of guaranteed strength.
Jaw plates, hardened steel, renewable and interchangeable.
Main screw, high quality steel.

inish: Stove-enamelled Record Blue.

Optional accessories



ibre grips
r delicate materials
ts 1–6

With swivel base

Swivel bases

Cat. No.	Jaw width		Jaw opening		Jaw depth		Approx. weight With stationary base		With swivel base		Unit of pack
	in.	mm	in.	mm	in.	mm	lb	kg	lb	kg	
1	3	75	3¼	85	1⅞	50	12	5.4	15	6.8	1
3	4	100	4¾	120	2¾	70	33	15.0	41	18.6	1
4	4½	115	5½	140	3	80	42	19.1	52	23.6	1
5	5	125	6½	165	3¼	85	53	24.0	63½	28.8	1
6	6	150	8	205	3½	90	70	31.8	87	39.5	1
8	8	205	9¼	235	4	100	84	38.1	101	45.8	1

When ordering with swivel base, add letter S to number.

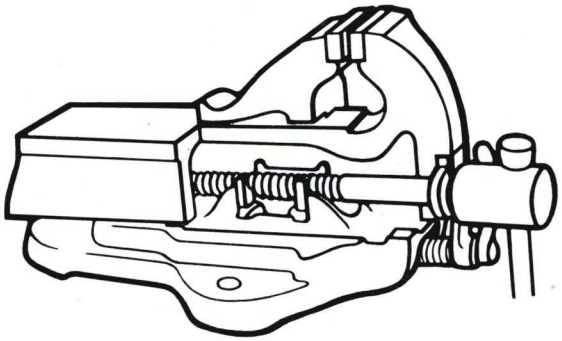
Quick-release Fitters vices

This medium-duty vice meets the needs of all types of industrial and training workshops where the work ranges from small fitting and filing work to the assembly and fitting of larger components. The quick-release mechanism reduces operator fatigue and saves man hours.

Fibre grips are available for all sizes.

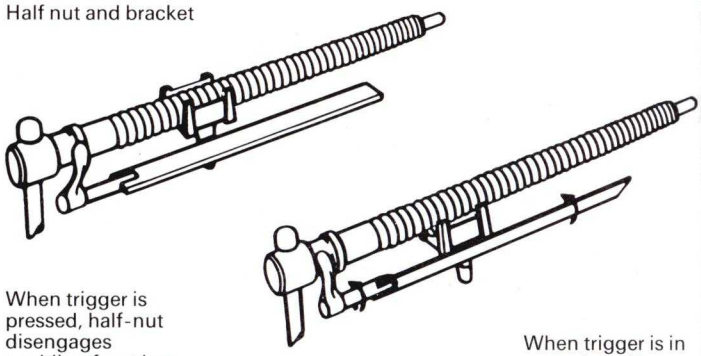
Materials: *Body and sliding jaw*, high-quality castings of guaranteed strength.
Jaw plates, hardened steel, renewable and interchangeable.
Main screw, high-quality steel.

Finish: Stove-enamelled Record Blue.



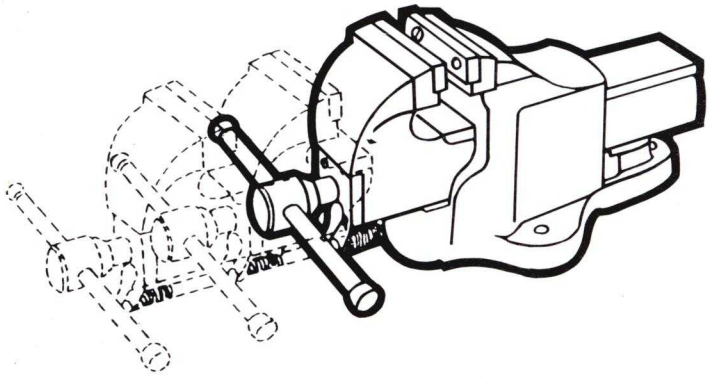
The small trigger alongside the drop handle fitted to the main-screw head, can be pressed to allow instant movement of the jaw, through a half-nut mechanism working in conjunction with threaded screw

Half nut and bracket



When trigger is pressed, half-nut disengages enabling front jaw to slide freely without screw action

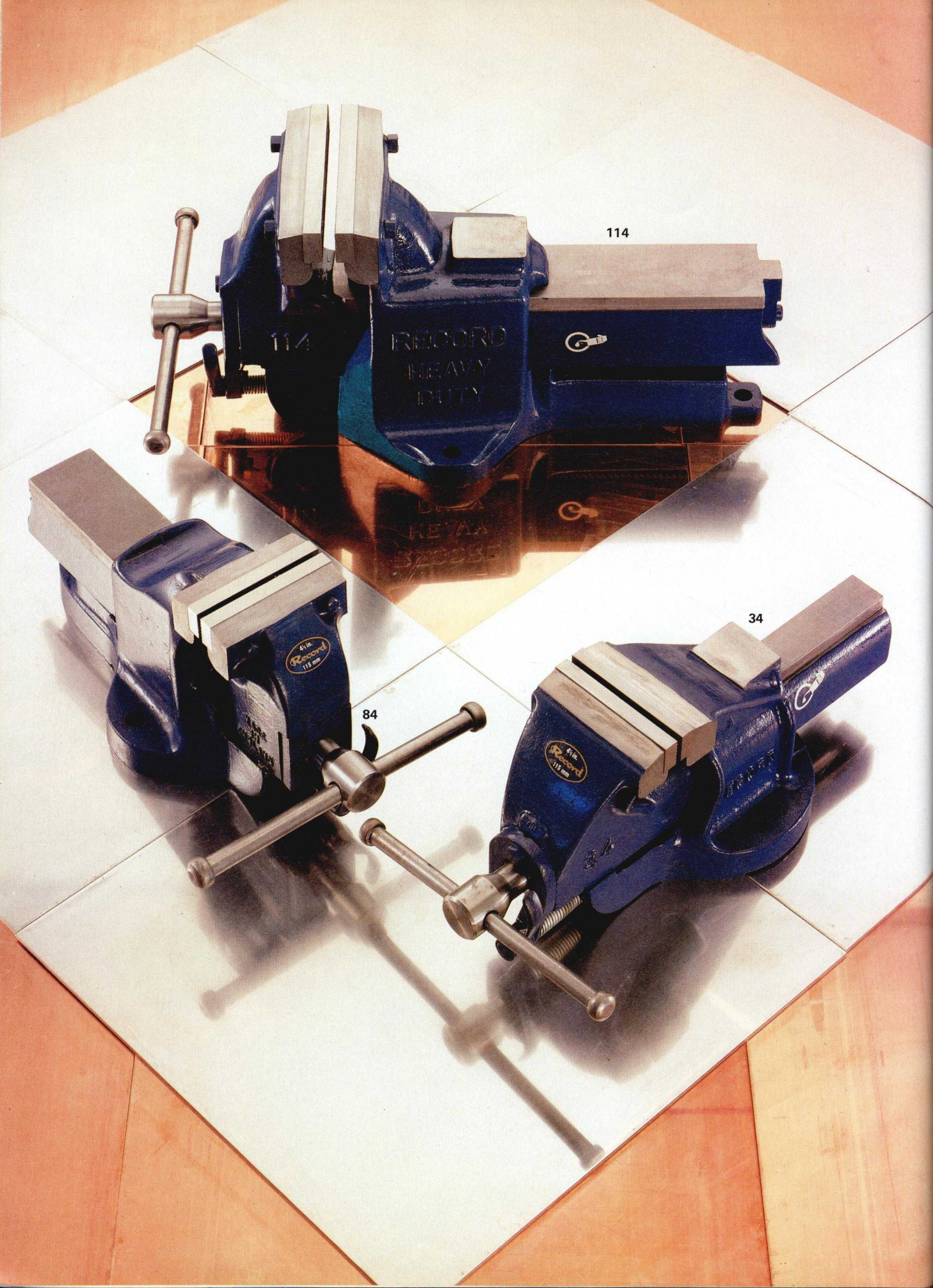
When trigger is in normal position half-nut and screw are engaged to screw all the way



The **Quick Release** action is most useful where time saving is important, allowing the jaw to be opened or closed without winding the screw

Cat. No.	Jaw width		Jaw opening		Jaw depth		Approx. weight		Unit of pack
	in.	mm	in.	mm	in.	mm	lb	kg	
23	4¼	110	6½	165	3⅜	85	61	27.7	1
25	6	150	8¼	210	4½	115	90	40.9	1

6in.
Record
150 mm


114
RECORD
HEAVY
DUTY
84
34

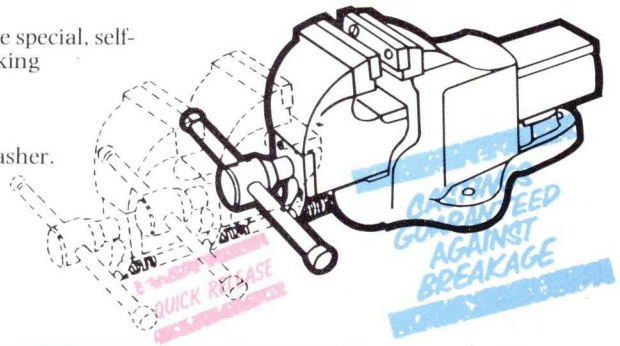
Quick-release Engineers vices

The quick opening and closing feature of dual-action vices save time and effort. The special, self-cleaning, buttress thread produces maximum and reliable grip under varying working conditions.

Materials: *Body and slide*, high-tensile castings guaranteed against breakage.
Jaw plates, hardened steel, renewable and interchangeable.
Main screw, high-quality steel and fitted with an anti-friction thrust washer.

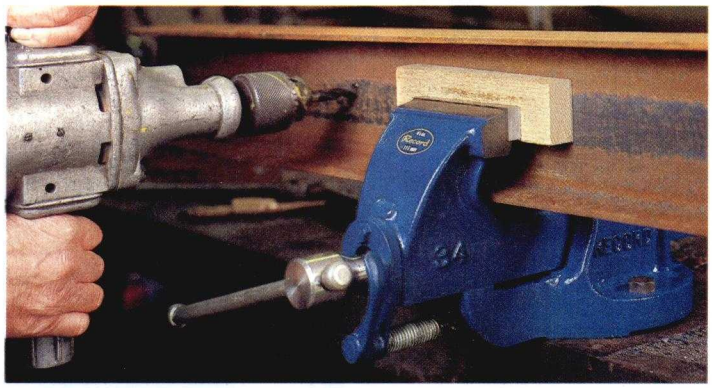
Finish: Stove-enamelled Record Blue.

Fibre grips available for all sizes, excluding 114.



Heavy duty (34–36 Series)

Available in two sizes with jaw capacities up to 7½″ (190 mm). The jaw and slide design of the compact 34 and 36 vices provide extra space for holding irregularly shaped work. An ideal vice for fitting and filing. An integral anvil permits hammering.

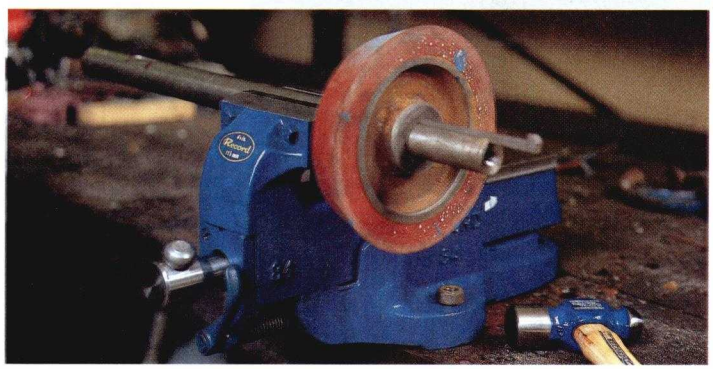


Heavy duty (112–114 Series)

Available in two sizes: 112 with a 7¼″ (185 mm) jaw capacity and 114 with a 9¼″ (235 mm) capacity. The strongly braced body, heavy sliding jaw and large diameter screw are built to withstand the toughest use. Ideal for chipping, hammering and other demanding work. Jaw plates are bolted through for rigidity.

Heavy-duty Military vice

The Record 84 vice has been specially designed to meet military specifications and is most suitable for a wide range of filing and fitting work.



Cat. No.	Jaw width		Jaw opening		Jaw depth		Approx. weight		Unit of pack
	in.	mm	in.	mm	in.	mm	lb	kg	
34	4½	115	5¼	135	3	75	33	15.0	1
36	6	150	7½	190	4	100	63	28.6	1
112	6	150	7¼	185	3¾	95	72	32.7	1
114	8	205	9¼	235	4½	115	86	39.0	1
84	4½	115	5¾	145	3⅛	80	38	17.2	1

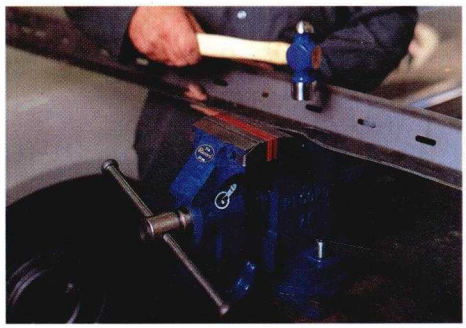
Heavy-duty Multi-purpose vice

Built to withstand rough usage, the Record 75 has a wide range of uses in general industrial, commercial garages and teaching workshops. The solid steel slide bar offers great strength combined with ample clearance below the jaws, enabling large and irregular shaped work to be gripped.

A number of special features make this vice unique.

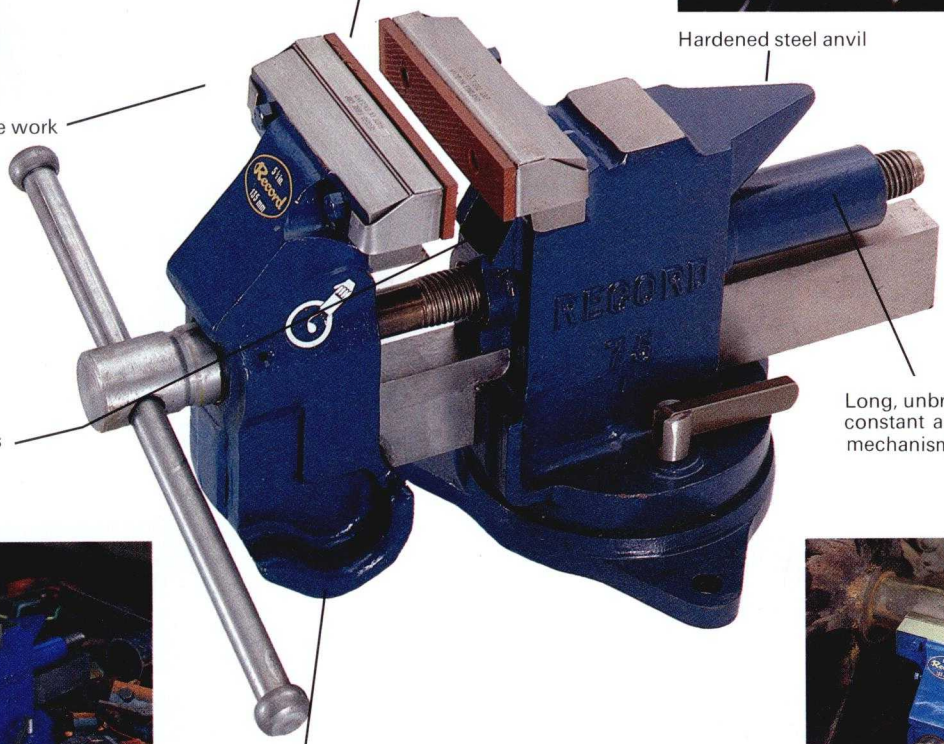
CASTINGS GUARANTEED AGAINST BREAKAGE

Offset jaws to hold long and wide work vertically



Hardened steel anvil

Detachable fibre grips prevent damage to softer metals and plated surfaces



Pipe grips

Long, unbreakable nut ensures constant alignment of screw mechanism

Former for bending pipe/rod

Integral swivel base allows 360° rotation

Materials: *Body and sliding jaw*, high-tensile castings with solid steel slide bar.
Jaw plates, hardened steel, renewable and interchangeable. Secured in position by hexagon head bolts.
Pipe jaws, front jaw of hardened steel.
Anvil, hardened steel.
Main screw, high-quality steel fitted with anti-friction thrust washer.

Finish: Stove-enamelled Record Blue.

Cat. No.	Jaw width		Jaw opening		Jaw depth		Pipe jaw capacity o.d.		Approx. weight		Unit of pack
	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	
75	5¼	135	7	180	3¾	95	2¾	70	52	23.6	1

Table vice

NEW

This is an ideal portable vice for the amateur and modelmaker. The built-in clamp allows it to be easily and quickly attached to a bench, table or work surface. Pipe grips are incorporated below the parallel jaws. A useful anvil is also included on the rear of the body. This vice will find many uses in the workshop and around the home.

Fibre grips available for this vice.

Materials: *Body and front jaw*, high-quality castings of guaranteed strength.
Front jaw guide rods, steel.
Main screw, high-quality steel with 2-start thread for smooth action.

Finish: Stove-enamelled Record Blue.

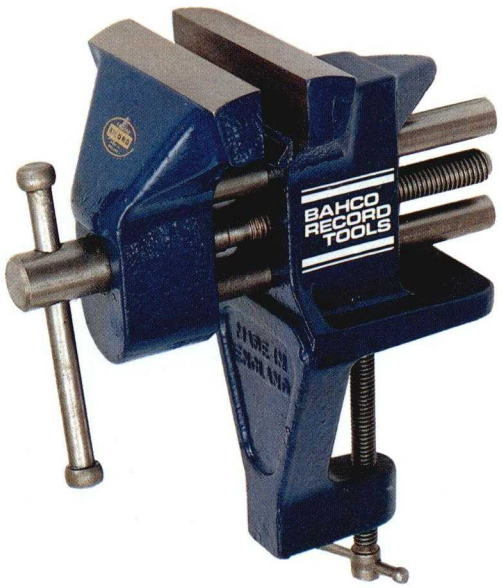


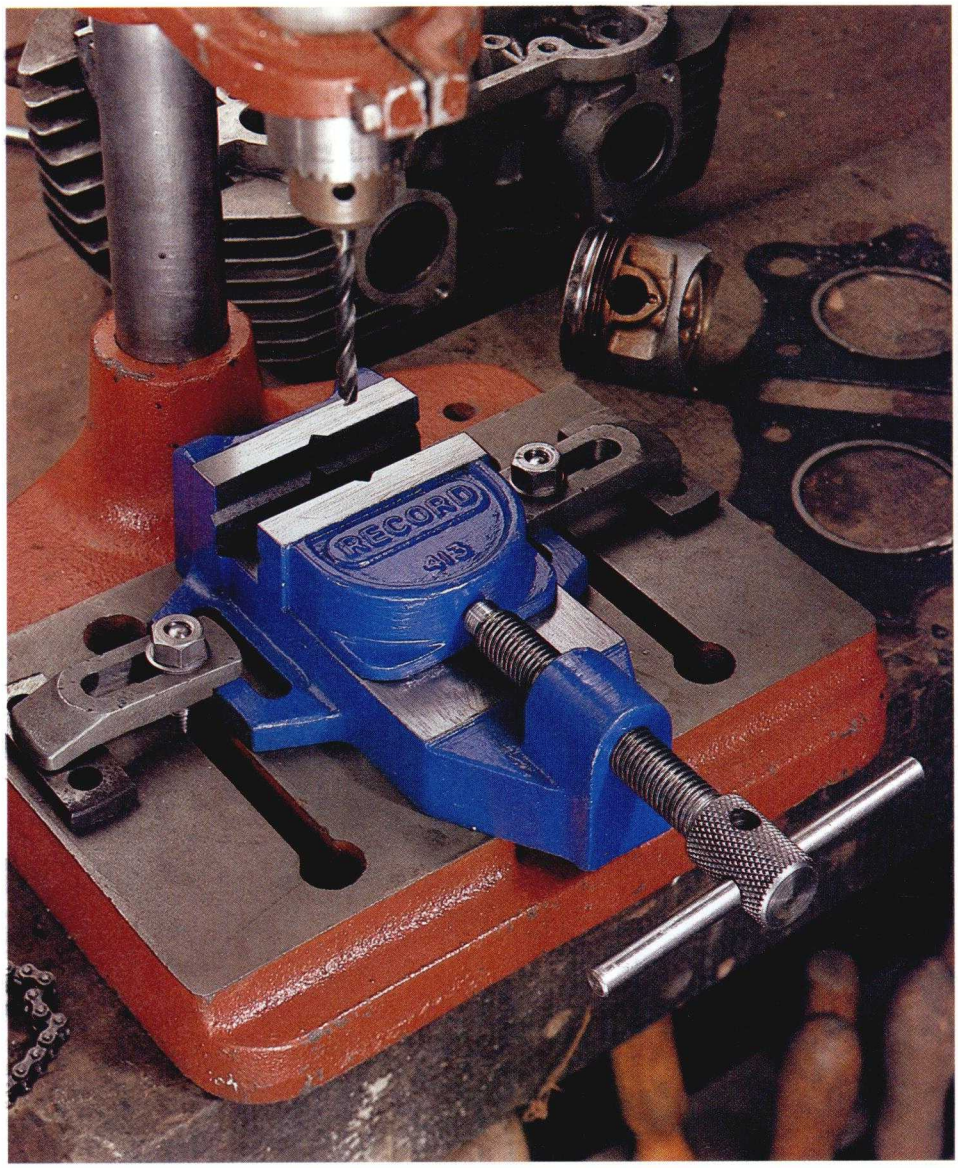
Table vice

Cat. No.	Jaw width		Jaw opening		Jaw depth		Clamp capacity		Approx. weight		Unit of pack
	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	
V75*	3	75	2	50	1¼	32	1⅝	42	4½	2.1	1

* Subject to the Marples discount structure.

Drill press vices

Designed basically for drill press work, the sliding jaw is a unique non-lifting swivel type capable of holding any shape of workpiece. By swivelling through 90°, the jaw is easily removed if required. The horizontal and vertical vees accommodate round sections securely. The base is slotted to enable the vice to be bolted to drill tables. Base, end face and side faces are machined to assist quick and accurate positioning. A loose tommy bar is provided for screw adjustment.



Materials:
Body and sliding swivel jaw, high-quality castings of guaranteed strength.
Main screw, high-quality steel.
Finish: Stove-enamelled Record Blue.

Cat. No.	Jaw width		Jaw opening		Jaw depth		Approx. weight		Unit of pack
	in.	mm	in.	mm	in.	mm	lb	kg	
413	3	76	2½	64	1	25	6	2.7	1
414	4	100	3	75	1¼	32	11½	5.2	1

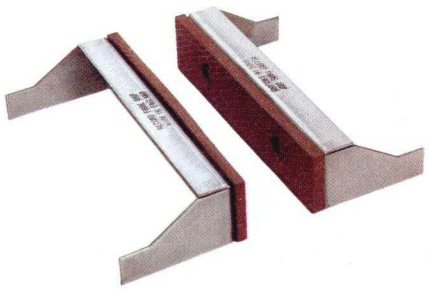
Vice accessories and spare jaws

Detachable fibre grips

Designed for fitting to Record vices when holding soft or plated workpieces, or workpieces with highly polished surfaces for firm gripping without fear of damage.

Manufactured from pressed steel, fitted with cushioned faces of special fibre, far more durable than either lead or copper.

Cat. No. and size	To suit vice Nos.	Unit of pack
FG3	1, V75	6
FG4	3	6
FG4¼	23	6
FG4½	4, 84-34	6
FG5	5	6
FG5¼	75	6
FG6	6, 25, 36, 112	6



Swivel bases

The addition of a swivel base to a vice allows rotation through 360° with the facility to lock the vice in any position at any angle.

A user can, therefore, position the workpiece in the most suitable working position, thus reducing fatigue and improving safety.

Material: High-quality casting.

Finish: Stove-enamelled Record Blue.

Cat. No.	To suit vice Nos.	Unit of pack
1SB	1	1
3SB	3	1
5SB	5	1
6SB	6 and 8	1

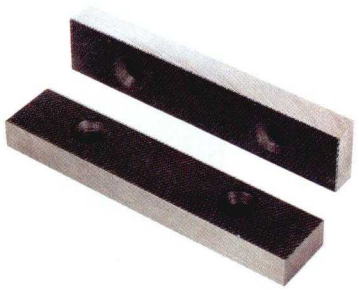
Steel jaw plates

Record steel jaw plates (complete with screws) available in pairs.

File cut face. Case hardened for long life and accurately finished for interchangeability.

When ordering specify vice number (jaw width alone is not sufficient).

To suit vice No.	Jaw width in.	mm
1	3	75
3	4	100
4	4½	115
5	5	125
6	6	150
8	8	205
23	4¼	110
25	6	150
34	4½	115
36	6	150
75	5¼	135
84	4½	115
112	6	150
114	8	205



Anvil

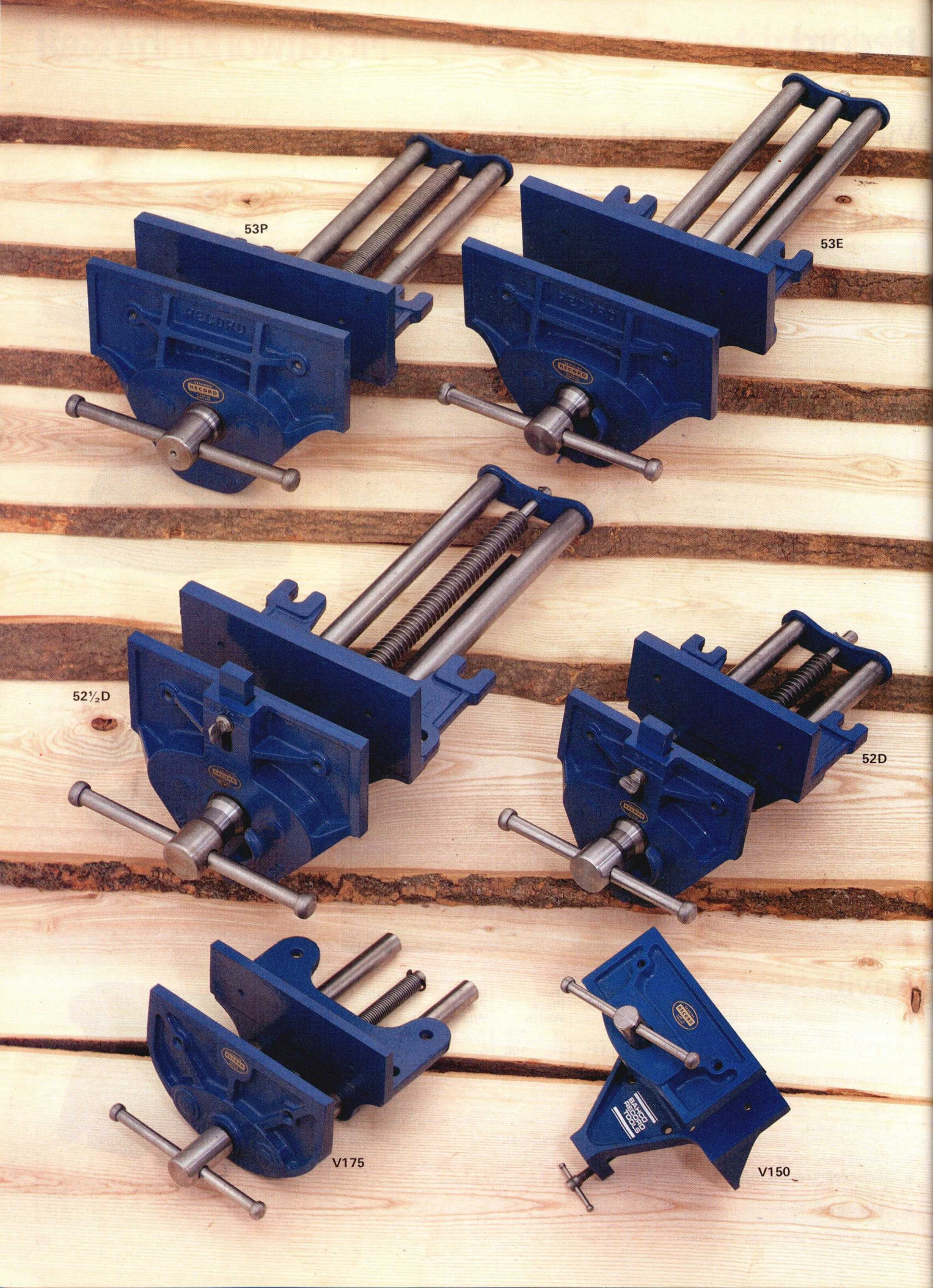
NEW

The versatile Record anvil designed for the home handyman, modelmaker, mechanic and for light industrial use at an attractive price.

- ★ **Accurately machined base and top plate** – for secure mounting and accuracy in use.
- ★ **Shaping horn** – accommodates a wide range of forming and shaping jobs.
- ★ **Ribbed body** – for maximum strength.
- ★ **High quality casting made in our own foundry** – for long trouble free service.
- ★ **Slotted base** – for easy clamping.

Cat. No.	Base Plate Width in.	mm	Base Plate Width in.	mm	Weight lb	kg
11*	4¼	108	6	150	10½	4.75

* Subject to the Marples discount structure.

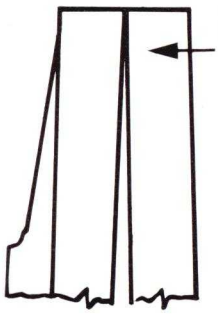

53P
53E
52½D
52D
V175
V150

Introduction

The Record range of vices fulfil the needs of both professional and amateur woodworkers – offering the right vice at the right price and in a quality unequalled by any other manufacturer.

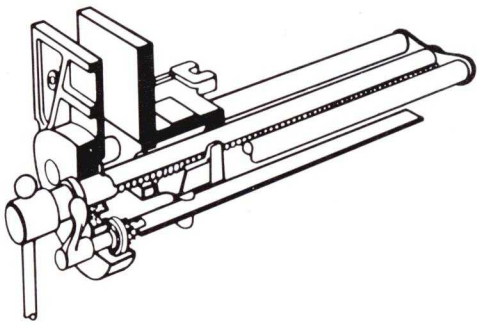
Record vices have long established design and manufacturing features which include:

- ★ Robust castings made in Bahco Record's own foundry for **long, trouble-free service.**
- ★ Accurately machined housings for **smooth sliding movement.**
- ★ Toe-in towards top of jaws **ensures firm grip at all times.**
- ★ Working parts protected from dirt and sawdust – **reduces wear and maintains reliable action.**
- ★ Square body seating **for easy fitting to the workbench.**
- ★ Body and sliding jaw have ready provision for attaching wooden cheeks to protect both vice and working tools. **Saves time.**
- ★ Adjustable front 'dog' (on certain types) provides facility for top-bench clamping when used in conjunction with a bench stop or additional bench dogs. Two tools in one – **saves time and money.**
- ★ Quick-release action (on certain types) **reduces fatigue and speeds up operation.**

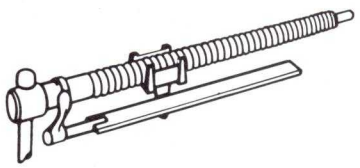


Toe-in provides maximum grip along top edge. This feature must be retained when fitting wooden cheeks

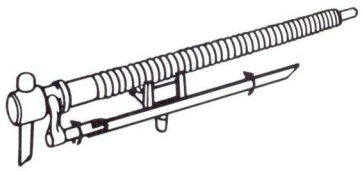
QUICK-RELEASE FEATURE on 52D, 52½D and 53E vices



HALF NUT AND BRACKET



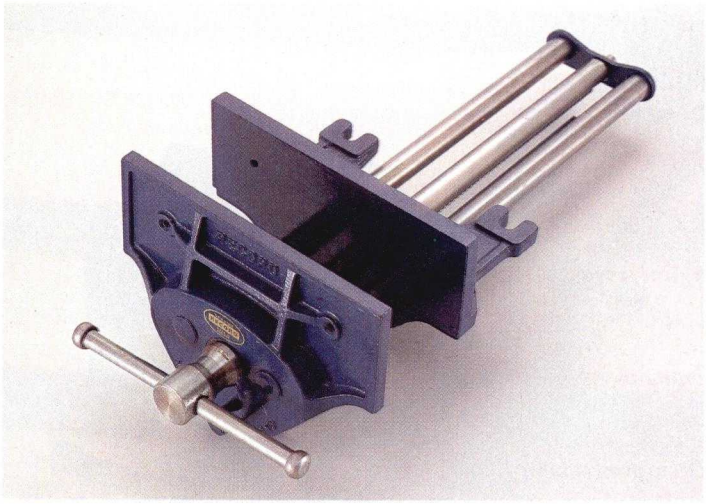
When trigger is in normal position half nut and screw are engaged to screw all the way



When trigger is pressed, half nut disengages enabling front jaw to slide freely without screw action

WOODWORKER'S VICE WITH FRONT DOG
(often called a tail-vice)

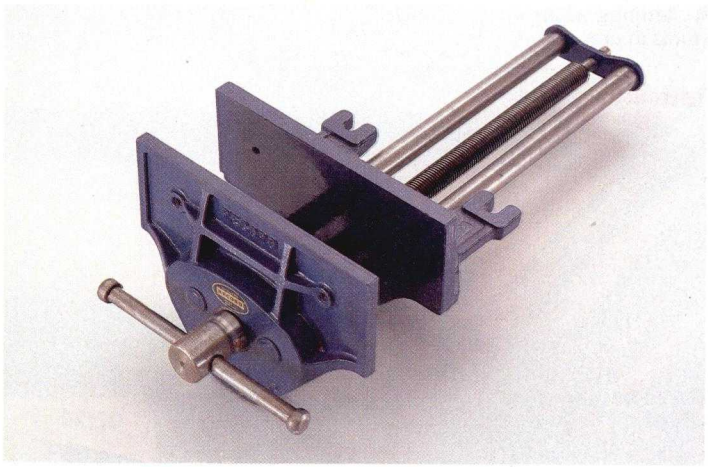
Vices are available fitted with a steel dog adjustable for height. This forms a simple cramping device when used with a stop fixed to the bench



Woodworker's vice 53E

The Record quick-release mechanism has been proved over many years and has become the accepted standard.

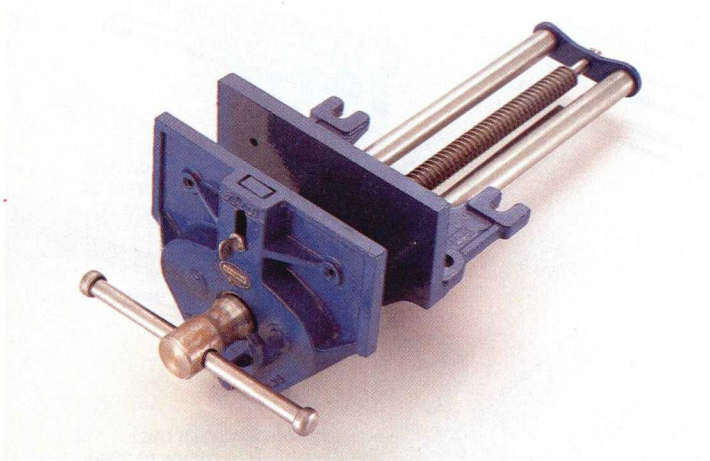
When the trigger is pressed the front jaw slides freely to or from the work, whilst a half-turn of the handle grips or releases the work instantly – a useful feature where time saving is important. Body castings are designed to exclude sawdust and dirt from the working parts. Normal screw action can be used at any time. Jaw plates tapped to receive 8 mm diameter countersunk screws.



Woodworker's vice 53P

NEW

Similar capacity to the 53E but for the professional user who requires a plain screw action. The plain screw works through a separate unbreakable nut securely housed beneath the body seating to ensure constant alignment of screw mechanism.



Woodworker's vices 52D and 52½D

These vices are available with quick-release mechanism. The adjustable front stop or 'dog' gives an additional cramping facility when used in conjunction with a bench stop. They have long been popular in North America and have a growing popularity in Europe.

The professional range of Record woodworking vices is guaranteed to be dependable under the most arduous workshop conditions.

Cat. No.		Jaw width		Jaw opening		Approx. weight		Unit of pack
Quick release	Plain screw	in.	mm	in.	mm	lb	kg	
52D	–	7	175	8	205	20	9.1	1
52½D	–	9	230	13	330	36	16.3	1
53E	–	10½	265	15	380	38	17.1	1
–	**53P**	10½	265	15	380	39	17.6	1

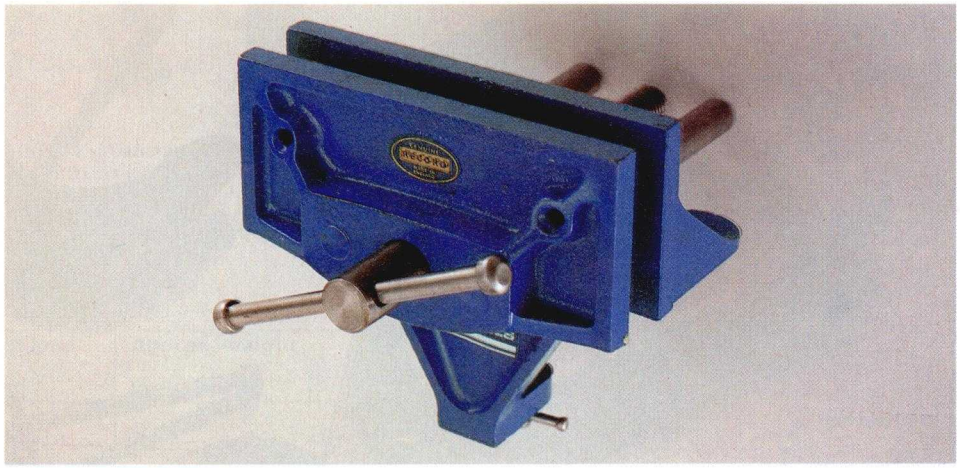
Woodcraft vices

These vices are lighter in construction than standard woodworking vices – and are ideal for the amateur and hobbyist. The body and sliding jaws are high-quality castings fitted with accurately aligned steel slide bars and main screw. The main screws have rolled 2-start acme threads which ensure a smooth, strong action with the integral nut in the vice body.

NEW

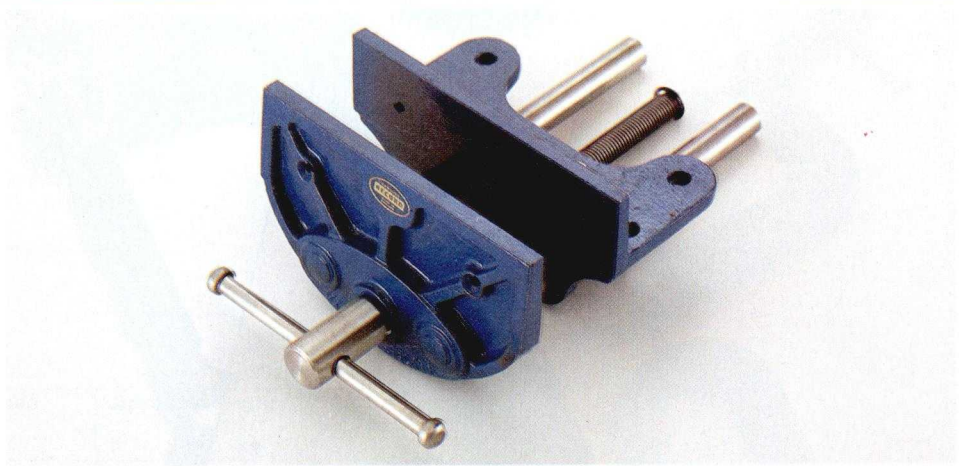
Woodcraft vice V150

A useful portable vice that can be attached to most working surfaces by means of a 2¼″ (60 mm) capacity integral clamp. Provision is also made for the body to be screwed permanently to the bench if desired.



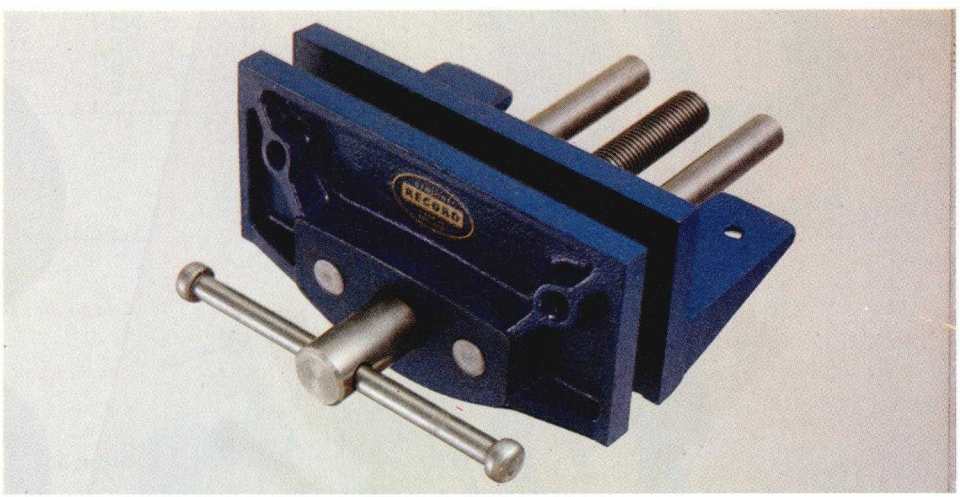
Woodcraft vice V175

Designed for the user who requires a more robust vice which is permanently fixed, and with a larger capacity than that offered by the V150.



Woodcraft vice V149

A low priced alternative to the popular V175, designed for mounting underneath the bench so that the top of the jaws are flush with the bench top.



Cat. No.	Jaw width		Jaw opening		Approx. weight		Unit of pack
	in.	mm	in.	mm	lb	kg	
V150*	6	150	4½	115	6	2.8	1
V175*	7	175	6½	165	11½	5.3	1
V149*	6	150	4½	115	5½	2.5	1

* Subject to the Marples discount structure.

121 series
120 series
B0258
C119 series
RECORD

G cramps

The Record and Marples range of cramps has been designed with the user and his many and varied clamping jobs in mind. The range consists of three types of G cramp – forged, general purpose and heavy-duty, plus five types of specialist cramps – deep throat, edging, corner, flooring and bench.

Forged G cramps

A drop-forged steel cramp whose slim section permits use in close situations where space is limited. Particularly useful for the craftsman with smaller work, the boat builder and the handyman.

★ Drop forged – far stronger than normal lightweight clamps. Long life.
★ High quality steel screw – strong and durable.
★ Stove-enamelled finish on head (except B0258) – rust resistant.

Cat. No.	Capacity		Frame proof load		Approx. weight		Unit of pack
	in.	mm	lb	kg	lb	kg	
B0258	1⅛	28	–	–	½	0.2	1
119–120/2	2	50	875	400	½	0.2	6
119–120/2½	2½	65	900	410	¾	0.3	6
119–120/3	3	75	1100	500	1	0.5	6

General purpose G cramps

The most popular cramp in the Record range, for general purpose light-duty applications. Used in many metal trades, it is available in a wide range of sizes from 4″ to 12″ (50 mm–300 mm).

★ Cast steel, ribbed frame – strong. Long lasting.
★ High quality steel screw, with two start Acme thread – strong and durable. Extra fast screwing action. Saves time.
★ Stove-enamelled finish on head – rust resistant.
★ Available in seven different sizes – a size available to suit almost all clamping applications.

Cat. No.	Capacity		Frame proof load		Approx. weight		Unit of pack
	in.	mm	lb	kg	lb	kg	
120/4	4	100	1200	545	1½	0.7	4
120/6	6	150	1400	635	2½	1.1	4
120/8	8	200	1700	775	3¾	1.7	1
120/10	10	250	2200	1000	6	2.7	1
120/12	12	300	2500	1135	8	3.6	1

Heavy-duty G cramps

A heavy-duty forged-steel engineer's cramp. Ideally suited to all types of engineering, particularly fabrication and welding.

★ Drop-forged – for high strength and long life.
★ High quality steel screw with two start Acme thread – strong and durable. Extra fast screwing action. Saves time.
★ Stove-enamelled finish on head – rust resistant.
★ Available in six sizes from 3″ to 12″ (75–300 mm) – a size available to suit almost all clamping applications.

Cat. No.	Capacity		Throat depth (from centre of screw)		Frame proof load		Approx. weight		Unit of pack
	in.	mm	in.	mm	lb	kg	lb	kg	
121/3	3	75	2⅛	55	6000	2720	1¾	0.8	4
121/4	4	100	2¾	70	7000	3170	3	1.4	4
121/6	6	150	3⅝	90	9000	4080	4¼	1.9	1
121/8	8	200	3⅝	90	12,500	5670	7	3.2	1
121/10	10	250	4	100	13,750	6240	9	4.1	1
121/12	12	300	4½	115	15,000	6800	12½	5.6	1

Deep throat cramp

Light to medium duty long-reach cramp designed with a depth of throat approximately double that of the 120 Series ideal for brazing and soldering where the work needs clamping well in the edge.
Possesses all the qualities of a 120 Series cramp.

Cat. No.	Capacity		Throat depth (from centre of screw)		Frame proof load		Unit of pack
	in.	mm	in.	mm	lb	kg	
122	4	100	4½	115	1100	500	4

Edging cramp

Specifically designed for clamping edging strips on straight or curved work where normal clamps cannot be used. Has the added benefit of being able to be used as a conventional G cramp when required.
Possesses all the qualities of a C119 Series cramp.

Cat. No.	Capacity		Throat depth (from centre of screw)		Frame proof load		Unit of pack
	in.	mm	in.	mm	lb	kg	
C129	2⅜	61	1¼	32	450	205	4

Bench holdfast

The bench holdfast holds work flat to the bench top and is as good as an extra hand. Work on difficult shapes that cannot be held in a vice can be performed easily as the holdfast grips the workpiece firmly in place. When not required, it can be removed from its collar leaving the bench free.

Materials: *Shaft and collar*, castings of guaranteed strength.
Screw, high quality steel, hardened at the working tip.
Finish: Stove-enamelled Blue.

Cat. No.	Maximum reach		Maximum opening		Unit of pack
	in.	mm	in.	mm	
*M146	7 1/16	180	7⅝	195	1

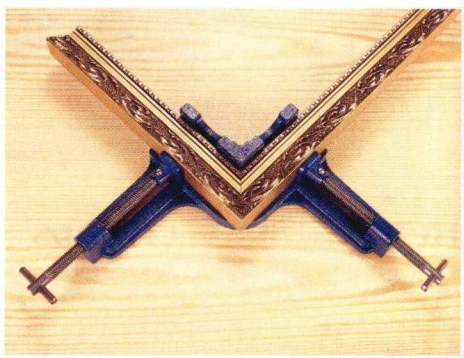
Corner cramp

The open design of this cramp makes it possible to nail and glue joints under cramping pressure. In addition to its function as a mitre framing cramp it has many general-purpose uses and is a useful jig for patternmakers. Provided with body mounting holes so that it may be screwed to the bench or a block of wood which can be held in a vice.

Materials: *Body*, high quality castings.
Screws and handles, high quality steel.

Finish: Stove-enamelled Blue.

Cat. No.	Cramping capacity		Unit of pack
	in.	mm	
*M141	4¼	108	1



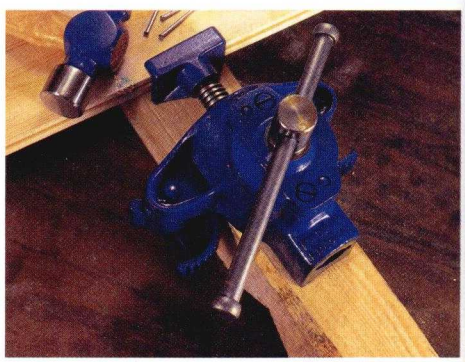
Flooring cramp

Designed for closing up floorboards before nailing.
This cramp is compact, light, easily portable and extremely robust. Bevel gears ensure smooth operation and are totally enclosed for protection against damage and dirt. Spring loaded cams provide rapid action and positive grip. Quickly released from the joist.

Materials: *Body*, castings of guaranteed quality.
Shoe and cams, malleable iron.
Handle, screws and bevel gears, high quality steel.

Finish: Stove-enamelled Blue.

Cat. No.	To suit joists		Unit of pack
	in.	mm	
*MFC 153	1½–3½	38–90	1



* Marples Discount Structure.

Sash cramps

Primarily designed for the cramping of large section workpieces during joint gluing, but can also be used for general, large-scale clamping applications.

Used by joiners, carpenters and boat builders.

A new 48″ (1220 mm) size has been introduced to extend the capacity and capabilities of the range.

★ Cast-iron head and slides, high quality steel bar, handle, screw and pin – **hardwearing, long life.**

★ Working slide principle incorporating large thrust surfaces – **ensures high wear resistance. Long life.**

★ Range of seven sizes plus lengthening bar – **offers the user cramping facilities from 18″ to 84″ (460–2135 mm).**

Sash (1¼ × ¼″/32 × 6 mm)					
Cat. No.	Capacity		Bar length		Unit of pack
	in.	mm	in.	mm	
135/1	18	460	24	610	1
135/2	24	610	30	760	1
135/3	30	760	36	915	1
135/4	36	915	42	1070	1
135/5	42	1070	48	1220	1
135/6	48	1220	54	1370	1

Lengthening bar			
Cat. No.	Approx. capacity		Unit of pack
	in.	mm	
L135/4	36	915	1

T-bar cramps

For the user who requires a more robust cramp for heavy-duty work which offers the facility of permanent fixing to a workbench. The introduction of two new sizes extends the capacity and capability of the range.

Record T-bar cramps possess all the qualities of the 135 Series plus the following additional benefits:

★ Bar manufactured from special T-bar section steel – **robust. Extra resistance to bending in use.**

★ Extra long head – **strength and durability in use.**

★ Range of five sizes plus lengthening bar – **offers the user cramping facilities from 42″ to 126″ (1070–3155 mm).**

T bar (1¾ × ¾″/45 × 19 mm)					
Cat. No.	Capacity		Bar length		Unit of pack
	in.	mm	in.	mm	
136/5	42	1070	48	1220	1
136/6	48	1220	54	1370	1
136/7	54	1370	60	1525	1
136/9	66	1680	72	1830	1
136/11	78	1980	84	2135	1

Lengthening bar			
Cat. No.	Approx. capacity		Unit of pack
	in.	mm	
L136/6	48	1220	1

Cramp heads

With Marples cramp heads a bar cramp of any length can easily be made using a piece of timber 1″ (25 mm) thick.

★ Cast-iron head and slides, high quality steel handle, screw and pin – **hardwearing, long life.**

★ Working slide principle incorporating large thrust surfaces – **ensures high wear resistance. Long life.**

Finish: Stove-enamelled Blue.

Cat. No.	Unit of pack
*M130	1 pair

Speedcramps

From the stable of the U.K.'s largest manufacturer of cramps – an exciting new range of speed cramps ideal for both the professional and the home handy man.

A comprehensive range of six sizes from 18″ to 48″ with these hard hitting sales features:

★ High quality steel bar, handle and screw – **hard wearing, long life.**

★ Two sliding clamp arms – **can be fixed in any position on bar. Versatility in use.**

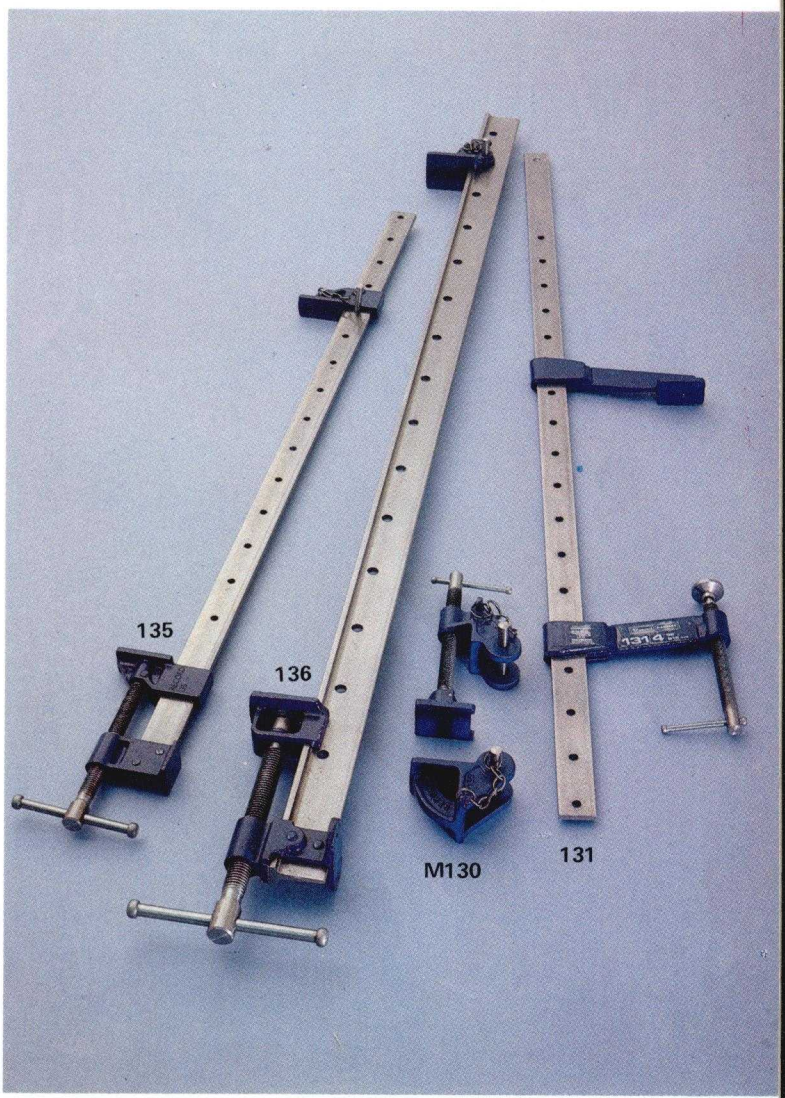
★ Simple, fast clamping and releasing action – **convenient, saves time.**

★ Deep throat and reversible sliding arms – **wide range of applications. Value for money.**

★ Bar stop – **prevents accidental loss of sliding arm. Safety in use.**

★ 4¾″ (120 mm) clamping depth – **exceeds capacity of standard Sash and 'T' Bar cramps. Versatility in use.**

Cat. No.	Capacity		Unit of Pack
	in.	mm	
131/1	18	460	1
131/2	24	610	1
131/3	30	760	1
131/4	36	915	1
131/5	42	1070	1
131/6	48	1220	1



* Marples Discount Structure.

924
924E
918
918H
918F

Introduction

Record bolt cutters have established such a high reputation among users that they have come to be used as a benchmark against which all other bolt croppers are measured. Many users insist on Record bolt cutters by name and refuse to accept alternatives.

The extreme high quality of our product is due to great emphasis being placed on quality machining and heat-treatment of all components.

Record bolt cutters are widely used by the construction industry on reinforcing and pre-stressing rods and also in numerous other places and trades such as bar stores, ship and car breakers, the wire and plastic industries.

The outstanding qualities which make Record bolt cutters so superior for cutting bolts, rod, wire, bar, chain and tempered steel springs are:

Cutting heads:

- ★ Centre cutting patterns will cut steel up to 500 Brinell, Rockwell C52 hardness, 110 tons/in.² (170 kg/mm²) tensile – versatile
- ★ Clipper cut and end cut patterns for close cutting will cut steel up to 45 tons/in.² (70 kg/mm²) tensile.
- ★ Jaws scientifically hardened and individually inspected, tested and their cutting capacity guaranteed – confidence and reliability in use
- ★ Jaw and strap connecting bolts will not work loose, resulting in safety in use
- ★ Jaws precision ground to minimize frictional loss, resulting in efficient cutting
- ★ Jaws are interchangeable left to right excepting clipper cut, saving on replacement costs
- ★ Fully adjustable, can be set to suit the individual and particular requirements of size and section of material to be cut, resulting in efficiency and accuracy in use
- ★ Recommended capacities are clearly displayed on rear strap for ease of user selection and identification
- ★ Jaws or complete head units can be easily replaced should they become worn or damaged through misuse, which economically extends life of product

Handles:

- ★ High quality drop-forged steel for strength and rigidity
- ★ Specially heat-treated to ensure that if excessive pressure is applied they will yield rather than break – for safety and dependability
- ★ Give mechanical advantage of 80:1; i.e. 75 lb (34 kg) of hand pressure creates 6,000 lb (2,727 kg) of pressure at the cutting edge, resulting in efficiency of use
- ★ In-built stops for safety in use
- ★ Can be fitted with alternative types of heads of the corresponding size, saving on replacement costs

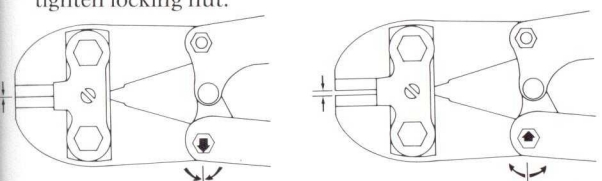
Adjustment

Jaws should be adjusted so that cutting edges just meet when cutting flat or strip material and are a hair's breadth apart for round sections.

(a) Cam bolts (new pattern)
BC914–BC924; BC918H–BC924H; BC914F–BC924F; and BC924E
The adjustment has been modified and made simple by the provision of cam-bolts which connect the handles to the cutting head unit.

The handles are recessed to receive the cam-bolt heads – preventing inadvertent adjustment.

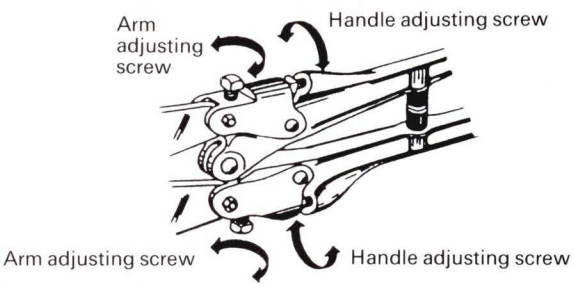
(1) Release locking nut 2–2½ turns and tap cam-bolt head clear of bi-hex recess.
(2) Rotate the arrow, in either direction:
– towards the outside (Fig. 1) to close gap at cutting edge;
– towards the inside (Fig. 2) to increase gap at cutting edge.
(3) When correctly set, tap cam-bolt head back into its recess and tighten locking nut.



Normally it should be necessary to adjust only *ONE* of the two cam-bolts. Should additional adjustment be necessary, repeat procedure using second cam-bolt.

This method of adjustment dispenses with protruding adjusters which can be accident prone and may restrict the use of bolt cutters in confined spaces.

(b) Toggle arrangement
930–942; 930H–942H; 930F–942F
(1) Slacken *handle* adjustment bolt.
(2) Turn *arm* adjusting bolt to position jaw edges correctly.
(3) Retighten handle adjusting bolt.



The extensive Record range includes several different patterns designed with specific cutting problems in mind. Always select the correct type and size for the job. Listed capacities recommend for each tool should not be exceeded. Many materials may splinter when cut – for safety, eye protection should always be worn.

Note: The simplified method of adjustment, implemented on the BC series will be extended to all other sizes during the life of this catalogue. Cutting head units remain unchanged and are fully interchangeable

Centre cut – general purpose

Recommended for maximum material hardness and tensile strength – Brinell 370, Rockwell C40, 80 tons/in.² (125 kg/mm²).

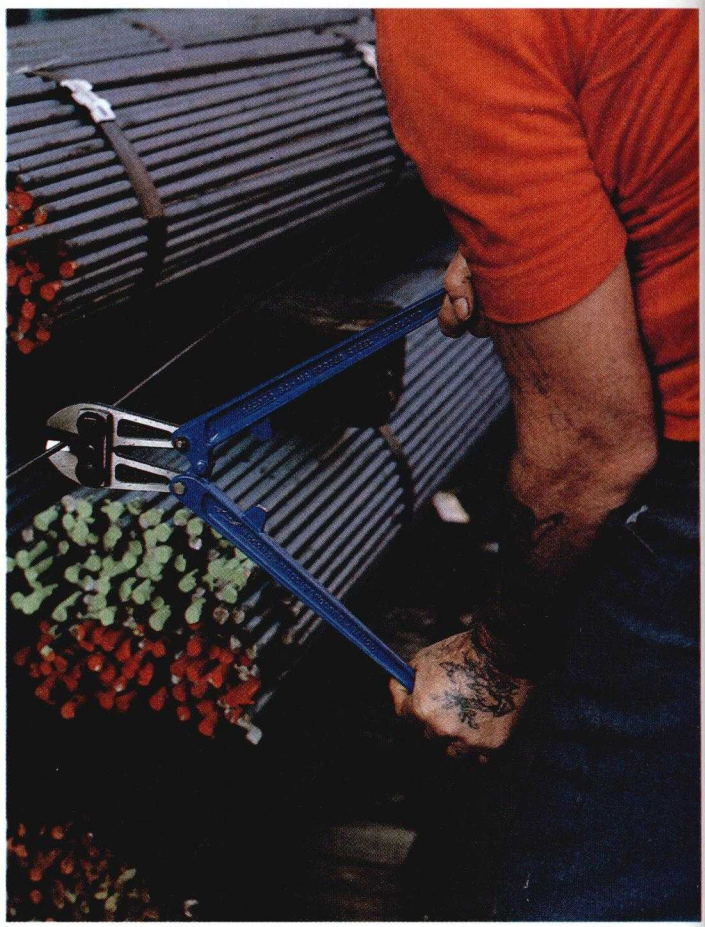
Centre cut jaws have the strongest form of cutting edge for general use.

They can be used for cutting bolts and rods, annealed tool steel rods, non-ferrous metals, single stranded wire in various forms, general mild steel rods and bars stocked in a bar store, also synthetic materials in rod, bar and strip.

Where high tensile steel is being cut, such as prestressed concrete reinforcing rod, the use of 'H' series is strongly recommended.

Materials: *Jaws*, special tool steel, forged, machined and heat-treated under strict control.
Straps, precision ground heat-treated steel.
Handles, drop-forged steel.

Finish: Stove-enamelled Blue.



Cat. No.	To cut soft steel rods and bolts diameter		To cut tensile steel rods diameter				Overall length		Approx. weight		Unit of pack
			Medium tensile		High tensile						
	in.	mm	in.	mm	in	mm	in.	mm	lb	kg	
BC 914	5/16	7.9	1/4	6.4	3/16	4.8	14	355	2¼	1.0	1
BC 918	3/8	9.5	5/16	7.9	1/4	6.4	18	460	3⅜	1.5	1
BC 924	7/16	11.1	3/8	9.5	5/16	7.9	24	610	5⅜	2.5	1
930	9/16	14.3	1/2	12.7	3/8	9.5	30	760	10½	4.8	1
936	5/8	15.9	9/16	14.3	7/16	11.1	36	915	15	6.8	1
942	3/4	19.0	5/8	15.9	1/2	12.7	42	1070	21½	9.8	1

BC Series have new cam-bolt adjustment (see page 31). Larger sizes will be modified during the life of this catalogue. Cutting head units remain unchanged and are fully interchangeable.

Note: Attention must be paid to the maximum hardness and tensile strength figures quoted.

Centre cut – high tensile

Recommended for maximum material hardness and tensile strength – Brinell 500, Rockwell C52, 110 tons/in.² (170 kg/mm²).

High tensile jaws are specially heat-treated for cutting very hard materials. They have the centre cut feature and a short nose.

Trouble-free cutting of prestressed concrete reinforcing rods, mesh and wire, high tensile steel rods, bolts and case-hardened chain, cold drawn alloy steel and tempered spring wire.

Materials; *Jaws*, special tool steel, forged, machined and heat-treated under strict control.
Straps, precision ground heat-treated steel.
Handles, drop-forged steel.

Finish: Stove-enamelled Blue.

Cat. No.	To cut high tensile steel rods and wire				To cut chain links diameter		Overall length		Approx. weight		Unit of pack
	High tensile		Medium tensile (Brinell 320)								
	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	
BC 918H	1/4	6.4	5/16	7.9	1/4	6.4	18	460	3 3/8	1.5	1
BC 924H	5/16	7.9	3/8	9.5	5/16	7.9	24	610	5 3/8	2.5	1
930H	3/8	9.5	7/16	11.1	3/8	9.5	30	760	10 1/2	4.8	1
936H	7/16	11.1	1/2	12.7	7/16	11.1	36	915	15	6.8	1
942H	1/2	12.7	9/16	14.3	1/2	12.7	42	1070	21 1/2	9.8	1

BC Series have new cam-bolt adjustment (see page 31). Larger sizes will be modified during the life of this catalogue. Cutting head units remain unchanged and are fully interchangeable.

Note: Attention must be paid to the maximum hardness and tensile strength figures quoted.

Clipper cut

Recommended for maximum tensile strength 45 tons/in.² (70 kg/mm²).

The clipper cut is essential where bolts have to be close cut. Typical examples are trimming protruding bolts or removal of rusted nuts in demolition work. Suitable for mild steel bolts, rods, non-ferrous metals and synthetic materials.

Materials: *Jaws*, special tool steel, forged, machined and heat-treated under strict control.
Straps, precision ground heat-treated steel.
Handles, drop-forged steel.

Finish: Stove-enamelled Blue.

Cat. No.	To cut bolt on threads diameter		Normal cutting capacity steel rods diameter		Overall length		Approx. weight		Unit of pack
	in.	mm	in.	mm	in.	mm	lb	kg	
BC 914F	5/16	7.9	1/4	6.4	14	355	2¼	1.0	1
BC 918F	3/8	9.5	5/16	7.9	18	460	3⅜	1.5	1
BC 924F	7/16	11.1	3/8	9.5	24	610	5⅜	2.5	1
930F	9/16	14.3	1/2	12.7	30	760	10½	4.8	1
936F	5/8	15.9	9/16	14.3	36	915	15	6.8	1
942F	3/4	19.0	5/8	15.9	42	1070	21½	9.8	1

BC Series have new cam-bolt adjustment (see page 31). Larger sizes will be modified during the life of this catalogue. Cutting head units remain unchanged and are fully interchangeable.

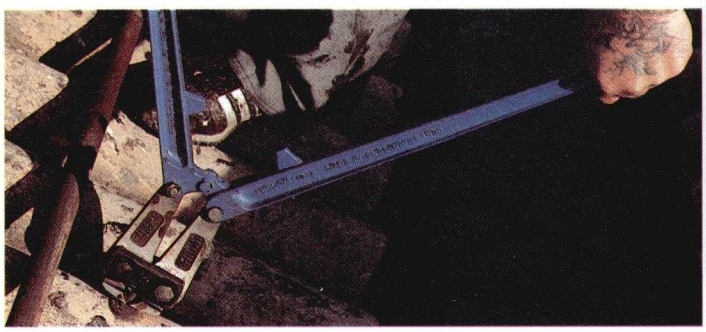
End cut

Recommended for maximum tensile strength 45 tons/in.² (70 kg/mm²).

End cut bolt cutters have been specially developed to allow close cutting when side access is restricted and a clipper cut cannot be used.

Materials: *Jaws*, special tool steel, forged, machined and heat-treated under strict control.
Straps, precision ground heat-treated steel.
Handles, drop-forged steel.

Finish: Stove-enamelled Blue.



Cat. No.	To cut bolts on threads diameter		Normal cutting capacity steel rods diameter		Overall length		Approx. weight		Unit of pack
	in.	mm	in.	mm	in.	mm	lb	kg	
BC 924E	7/16	11.1	3/8	9.5	24	610	5⅜	2.5	1

BC 924E has new cam-bolt adjustment (see page 31) (cutting head unit remains unchanged) and can be fitted with H924, H924H, or H924F.

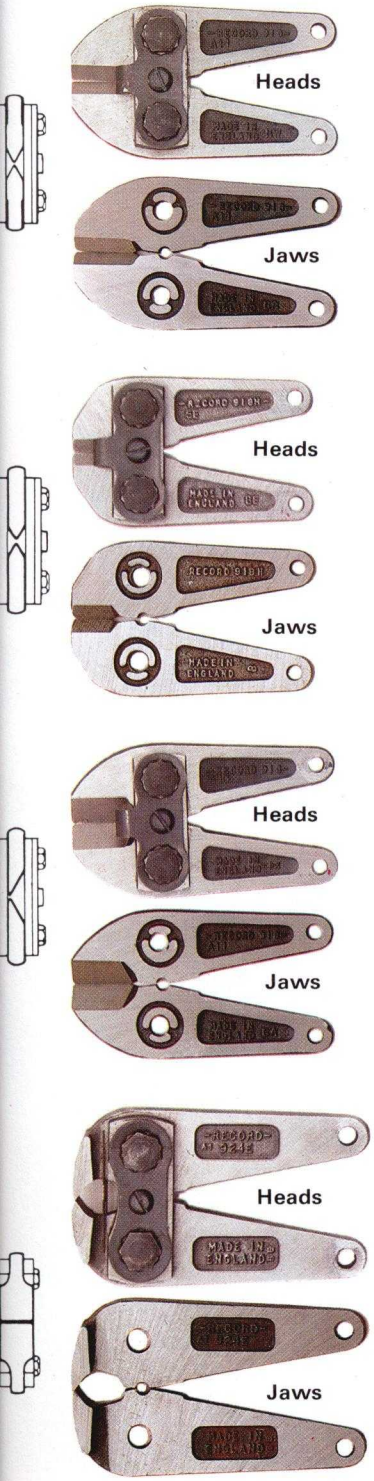
Note: Attention must be paid to the maximum hardness and tensile strength figures quoted.

Replacement

When existing jaws or heads become worn we recommend replacement of the complete head. As these are correctly assembled as a unit within our factory, fitting a complete head guarantees 'as new' performance and significantly reduces fitting time. Separate jaws only are available if required.

Conversion

Since all heads are interchangeable within the same size of bolt cutter, including new BC series, it is possible to convert, for example, a BC924 centre cut to either a BC924H high tensile, a BC924F clipper cut or a BC924E end cut, by substituting the appropriate head.



Centre cut – general purpose

Jaw No.	Head No.	Bolt cutter No.	To cut soft steel rods and bolts diameter		To cut tensile steel rods diameter			
					Medium tensile		High tensile	
			in.	mm	in.	mm	in.	mm
J914	H914	BC914	5/16	7.9	1/4	6.4	3/16	4.8
J918	H918	BC918	3/8	9.5	5/16	7.9	1/4	6.4
J924	H924	BC924	7/16	11.1	3/8	9.5	5/16	7.9
J930	H930	930	9/16	14.3	1/2	12.7	3/8	9.5
J936	H936	936	5/8	15.9	9/16	14.3	7/16	11.1
J942	H942	942	3/4	19.0	5/8	15.9	1/2	12.7

Centre cut – high tensile

Jaw No.	Head No.	Bolt cutter No.	To cut high tensile steel rods and wire				To cut chain links diameter	
			High tensile (Brinell 370)		Medium tensile (Brinell 320)			
			in.	mm	in.	mm	in.	mm
J918H	H918H	BC918H	1/4	6.4	5/16	7.9	1/4	6.4
J924H	H924H	BC924H	5/16	7.9	3/8	9.5	5/16	7.9
J930H	H930H	930H	3/8	9.5	7/16	11.1	3/8	9.5
J936H	H936H	936H	7/16	11.1	1/2	12.7	7/16	11.1
J942H	H942H	942H	1/2	12.7	9/16	14.3	1/2	12.7

Close cut – clipper cut

Jaw No.	Head No	Bolt cutter No.	To cut bolts on threads diameter		Normal cutting capacity steel rods diameter	
			in.	mm	in.	mm
J914F	H914F	BC914F	5/16	7.9	1/4	6.4
J918F	H918F	BC918F	3/8	9.5	5/16	7.9
J924F	H924F	BC924F	7/16	11.1	3/8	9.5
J930F	H930F	930F	9/16	14.3	1/2	12.7
J936F	H936F	936F	5/8	15.9	9/16	14.3
J942F	H942F	942F	3/4	19.0	5/8	15.9

Close cut – end cut

Jaw No.	Head No.	Bolt cutter No.	To cut bolts on threads diameter		Normal cutting capacity steel rods diameter	
			in.	mm	in.	mm
J924E	H924E	BC924E	7/16	11.1	3/8	9.5

DROP FORGED STEEL
RECORD LEADER 36
RECORD LEADER 24
RECORD LEADER 18
RECORD LEADER 14
RECORD LEADER 10
RECORD

Stillson and Leader Pipe Wrenches

Stillson pipe wrenches

For use on pipe work in all unobstructed applications. Record are the worlds largest manufacturer of the Stillson Wrench. More than 8 million Stillsons have been produced in our factory, to the high Record quality standards, since 1923.

Why are Record Stillson Wrenches standard equipment in a wide range of major industries?

- ★ Drop-forged handle and jaws. Frame, high grade casting – Strong. Long Life.
- ★ Accurately machined screw threads – Smooth and positive action.
- ★ Coil spring holds jaw in an open position until pressure is applied – Greatly assists in location and removal of wrench.
- ★ Individual wrench capacity clearly marked on frame – Easy and speedy selection of the right wrench for the job at hand.
- ★ Conform to BS 3594 Part I – Guaranteed high quality.
- ★ Renewable components – Economically extends the life of the product.

Type No.	Length when open		Pipe capacity		Approx. weight		Unit of pack
	in.	mm	nom. bore in.	mm o.d.	lb	kg	
300/8	8	200	¾	27	¾	0.3	4
300/10	10	250	1	34	1½	0.7	4
300/12	12	300	1¼	42	2	0.9	4
300/14	14	350	1½	49	2¾	1.3	4
300/18	18	450	2	60	4¼	1.9	4
300/24	24	600	2½	76	7½	3.4	1
300/36	36	900	3½	102	15½	7.0	1

Heavy duty 'Leader' pipe wrenches

The Record 'Leader' is a heavy duty wrench extensively used in industry, particularly in the oil and gas fields and in civil engineering.

The integral jaw housing and handle produces a wrench which is much stronger than the Stillson type. The jaw housing displays a guarantee of free replacement should distortion or breakage ever occur.

The jaw capacity of the 'Leader' is larger than a Stillson of the equivalent length.

The Hook jaw is graduated **to allow pre-setting.**

Overall length is indicated on the handle.

'Hook jaw' and 'lower jaw insert' easily replaced.

All components are renewable – economically extends the life of the wrench.

All handles are **individually** proof tested and conform to USA Federal Specification No. GGG – W651c Type 11 Class A Heavy Duty.

The handle design incorporates an open eye and gives the following advantages:

- ★ Useful for hanging up when not in use.
- ★ Prevents hand from slipping off end of handle.
- ★ Ensures that if a pipe is used as an extension to the handle, it will pass completely along entire length of handle.

Materials

Handle: high grade S.G. castings.

Jaws: Drop-forged high quality steel to a very close specification. Specially heat-treated to ensure resistance to distortion or breakage.

Nut: Heat-treated steel.

Finish

Stove-enamelled Record Blue.

Type No.	Length when open		Pipe capacity		Approx. weight		Unit of pack
	in.	mm	nom. bore in.	mm o.d.	lb	kg	
350/8	8	200	1	34	1	0.5	4
350/10	10	250	1½	49	2	0.9	4
350/14	14	350	2	60	4	1.8	4
350/18	18	450	2½	76	6	2.7	4
350/24	24	600	3	90	10	4.5	1
350/36	36	900	5	140	20	9.1	1

Back nut wrench 6552

This specially designed double-ended wrench is ideally suited to the fitting of ½" (13 mm) and ¾" (19 mm) lavatory basin and bath lock nuts.

Stove-enamelled Record Blue. Unit of pack 6.

Standard pattern chain pipe wrenches

The robust construction of the standard pattern provides maximum grip on round or irregular shapes. The chain wrench is essential when turning pipes in close proximity or where they are close to a wall or located in a trench.

NEW

Standard pattern wrenches have the following features:

- ★ **Jaws** – double ended, reversible and renewable to give long life.
- ★ **Teeth** – accurately profiled and heat-treated – to give instant grip without slip in all working situations.
- ★ **Chain and connecting links** – high tensile steel (guaranteed to the high breaking strain shown in the table below) to give confidence and safety in the hands of the user.
- ★ **Finish** – stove-enamelled Record Blue. Rust resistant.
- ★ **Handles** – high grade S.G. casting and tube construction to combine strength with lightness – reduces fatigue. Long life.
- ★ **Capacity** – clearly marked on jaw plates – helps in selecting the right size of tool for the job in hand.
- ★ **Components** – readily available should replacements ever be necessary – reduces maintenance costs.

Product redesign has resulted in increased pipe capacity of each model.

Cat. No.	Pipe capacity		Overall length		Approx. weight		Chain breaking strain		Unit of pack
	nom. bore od. in.	o.d. mm	in.	mm	lb	kg	lb	kg	
233C	¼–4	14–115	36½	930	14	6.4	9,800	4,450	1
234C	1–8	34–220	51	1295	30	13.6	14,300	6,490	1
236C	2–18	60–485	88½	2250	90	40.9	21,800	9,890	1

'Leader' chain pipe tongs

This heavy duty pattern has a number of additional features to the standard 233C–236C range.

- ★ Off-set jaws provide an instantaneous reversible action, enabling the pipe to be turned in either direction without removing the chain from the work – saves time.
- ★ Simple removal of outer jaw plates converts the tongs to a 'fittings' wrench – the centre jaw gives positive location on narrow fittings – two tools in one.

As with the standard pattern, robust construction provides a high safety factor. The double-ended reversible jaws give twice the normal life. Jaws and handle are stove-enamelled Record Blue.

Cat. No.	Pipe capacity		Overall length		Approx. weight		Chain breaking strain		Unit of pack
	nom. bore in.	o.d. mm	in.	mm	lb	kg	lb	kg	
533½C	1–6	27–165	44½	1130	21	9.6	12,600	5,700	1

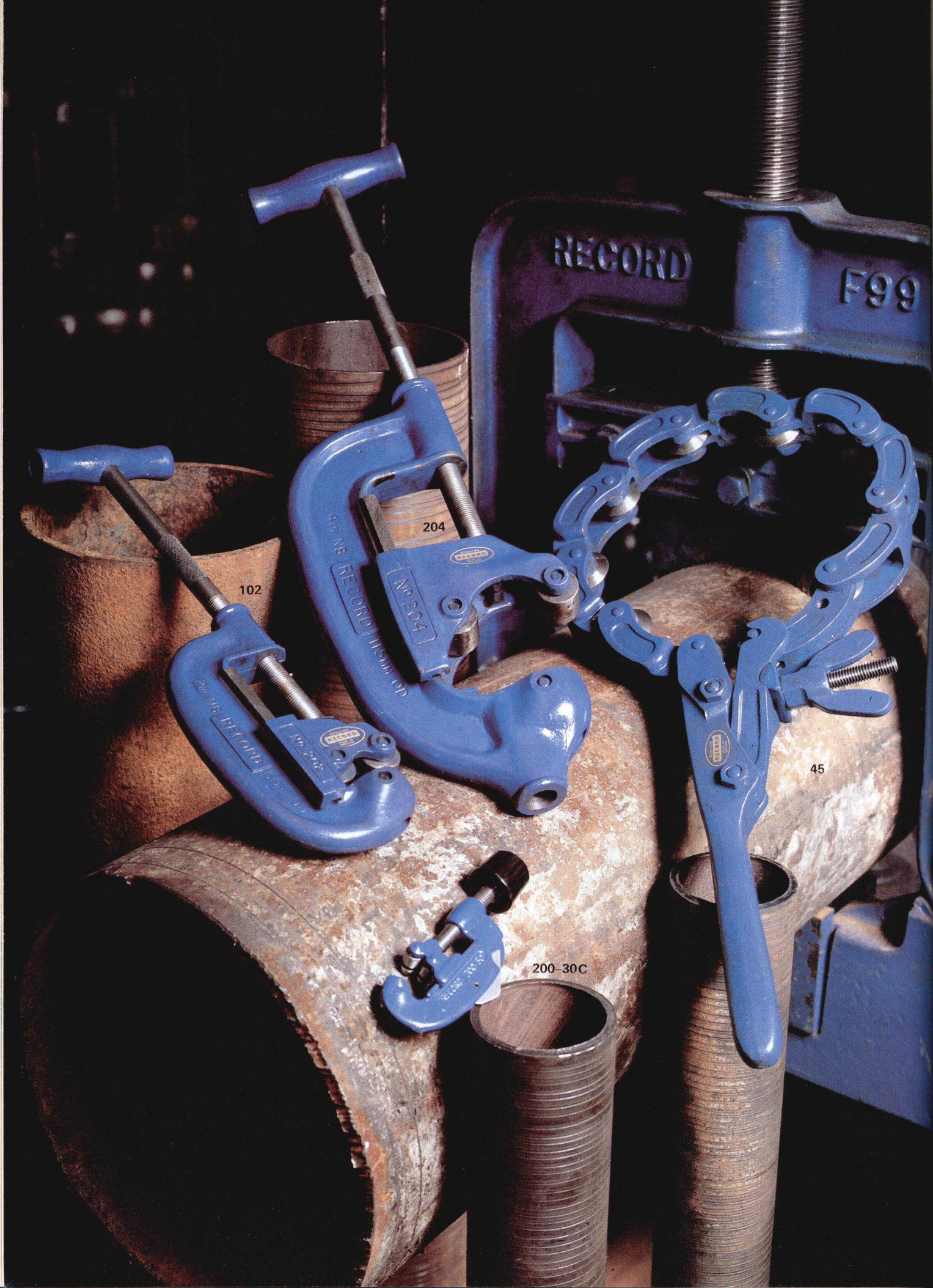
Handiwrench

The Handiwrench is an extremely versatile, lightweight wrench which can be used on round, square, hexagonal or irregular shapes and fittings up to 4″ (100 mm) diameter. The drop-forged steel handle has carefully profiled and hardened integral teeth. The design enables the fitting to be turned in either direction without removing the tool from the work.

The Handiwrench can be used for a wide range of industrial and domestic applications – i.e. oil filters for car engines, immersion heaters, plumbing and heating installations. The short handle in relation to its large capacity makes it invaluable for use in confined spaces.

Cat. No.	Capacity diameter		Overall length		Approx. weight		Unit of pack
	o.d. in.	o.d. mm	in.	mm	lb	kg	
240	4	100	13	330	1½	0.65	4

283C
533½C
234C
240
236C


RECORD
F99
204
102
45
200-30C

Tube cutter

This tool is specifically designed for the fast cutting of thin-wall tube in copper, brass or aluminium and thin-wall steel conduit.

Its features are:

- ★ **Cutting capacity** – suitable for all popular sizes of domestic tubing.
- ★ **Compact size** – can be transported easily.
- ★ **Die cast body and saddle** – strong, yet light and effortless in use.
- ★ **Wide rollers** – ensures a square cut every time.
- ★ **Grooved rollers** – enables close cutting to 'Yorkshire' type fittings.
- ★ **Fold away de-burrer** – safely stowed away when not in use.
- ★ **Specially hardened thin section steel cutting wheel** – produces fast cutting action.
- ★ **Spare cutting wheel in handle** – saves on replacement time.
- ★ **Spare cutting wheels available** – extends life of product.
- ★ **Stove-enamelled finish** – rust resistant. Long life.

Cat. No.	Pipe diameter		Length		Approx. weight		Unit of pack
	in.	mm	in.	mm	lb.	kg	
200-30	⅛–1⅛	3–30	6	150	½	0.2	1

Pipe Cutters

Pipe Cutters are used for the cutting of steel and cast iron pipe.

For cutting steel they are fitted with fast cutting wheels of specially heat treated high grade steel.

These wheels are exceptionally thin for easier cutting, yet extremely strong.

The high grade castings and accurately machined components allow for accurate wheel tracking.

Every cutter is tested in the factory before despatch.

Record Pipe Cutters possess the following features:

- ★ **High Quality Body, slide & handle castings** – Guaranteed against breakage. Long life. Strong yet light in use.
- ★ **Wide Rollers** – Square cutting every time.
- ★ **Specially Hardened Thin Section Steel Cutting Wheel** – Produces fast cutting action.
- ★ **Capacity Marked On Body** – Easy selection of the right tool for the job.
- ★ **Spare Cutting Wheels and Rollers Available** – Extends life of product.
- ★ **Stove Enamel Finish** – Rust Resistant.

Roller Pattern

The finest cutter of its type for use on steel pipe, it has one fast cutting wheel and two rollers. These rollers ensure that the cutter is set and kept square to the pipe, and also roll down the burr which is produced by the cutting wheel, so that when the cut is completed the pipe is ready for threading or jointing.

The design of the handle and head incorporates a safety stop to prevent the cutting wheel being damaged by the rollers.

Cat. No.	Pipe capacity		Approx. weight		Unit of pack
	nom. bore o.d. in.	o.d. mm	lb	kg	
202	⅛–2	10–60	7	3.2	1
203	1–3	34–90	15	6.8	1
204	2–4	60–115	20	9.1	1

3-Wheel Pattern

Also for steel pipe, this pattern is used where it is not possible to revolve the tool completely round the pipe, as each of the three wheels covers one third of the complete cutting arc.

As with the roller pattern the design incorporates a safety stop which prevents the cutting wheels being damaged.

Cat. No.	Pipe capacity		Approx. weight		Unit of pack
	nom. bore o.d. in.	o.d. mm	lb	kg	
102	½–2	22–60	4½	2.0	1
103	1½–3	49–90	8½	3.9	1
104	2½–4	76–115	14	6.4	1

Link Pattern cutters

This pattern of cutter is specifically for use on cast-iron pipes, particularly in trenches where space is restricted and with minimum disturbance. Cast-iron pipes are often irregular in shape and the self-adjusting linkage allows the cutting wheels to ride over such surfaces and continue to cut. Each cutter is tested for tracking before leaving the factory. The capacity of each cutter may be altered by the addition or removal of the appropriate number of links.

The handle, fork unit and links are manufactured from high grade castings. The wheels are manufactured from tool steel which is accurately heat-treated to ensure long life.

Stove-enamelled finish to resist rust.

Cat. No.	Pipe diameter capacity				Number of wheels	Unit of pack
	Nominal bore		Approx. outside diam.			
	in.	mm	in.	mm		
45	2–12	50–300	2⁹⁄₁₆–13⅝	65–340	14	1
46	5–18	125–450	5¾–20	145–510	14	1
Approx. weight: Type No. 45 22lb 10kg **Type No. 46** 37lb 16.8kg						

592
93½C
96
183C/8

Chain pipe vices

These vices are compact, portable and easily fixed to a bench, post or tripod stand. The following features make this an ideal vice for a wide range of pipe trades.

- ★ **Body** – the castings are guaranteed against breakage to provide resistance to arduous usage.
- ★ **Jaw** – drop-forged steel, accurately machined and heat-treated to give long life, but can easily be replaced should they eventually wear out.
- ★ **Chain** – of high tensile steel – provides additional 'all round' grip – assuring safety in use.
- ★ **Nut and handle** – give positive adjustment to chain in conjunction with the two housing positions on the underside of body – assists rapid and secure holding of workpiece.
- ★ **Stove-enamelled finish.** Rust resistant.

Cat. No.	Pipe capacity		Approx. weight		Unit of pack
	nom. bore o.d. in.	o.d. mm	lb	kg	
181C	⅛–2	60	4	1.8	1
182C	¼–4	115	10½	4.7	1
183C/8	½–8	220	26	12.3	1

Tripod stands

These portable, folding units are ideal for use on site and in workshops where space is limited.

The vice platform is drilled to receive either a chain vice or hinged pipe vice. Stove-enamelled finish for rust resistance.

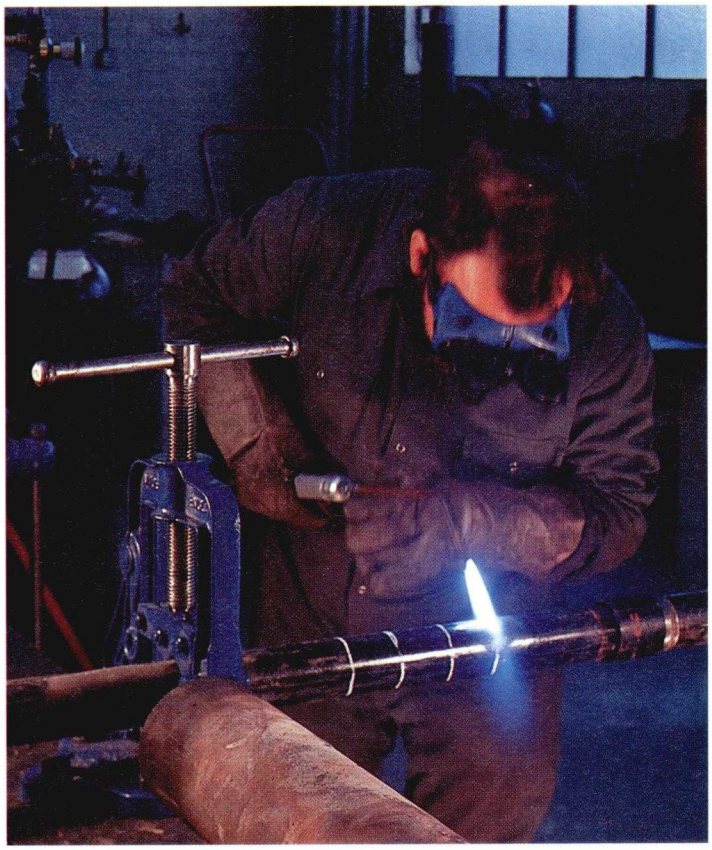
Cat. No.	Supplied with	Approx. weight		Unit of pack
		lb	kg	
582	Record chain pipe vice 182C	56	25.4	1
592	Record hinged pipe vice 92C	49	22.2	1
592½	Record hinged pipe vice 92½C	57	25.9	1
TS10	Stand only	39	18.0	1

Hinged pipe vices 92C–93 1/2C

These pipe vices, guaranteed against breakage, are substantially strengthened in the load-bearing areas of the main frame and base to provide the resistance to arduous usage demanded by pipe engineers. The single 'V' jaw in the frame moves between the two 'V' jaws in the base, allowing even the smallest size of pipe to be gripped securely.

- ★ **Jaws** – are accurately profiled and heat-treated in quality tool steel to give trouble-free service but can easily be replaced if necessary.
- ★ **Frame** – is self-locking and reversible for right- or left-hand operation. Very versatile product.

The base is provided with three holes for fastening to a bench, post or tripod stand. All cast components are stove-enamel finished for rust resistance.



Hinged pipe vice 96

Similar in design and function to the 92C–93½C, the 96 hinged pipe vice is suitable for holding nominal bore pipe up to 6″ diameter (165 mm o.d.o.).

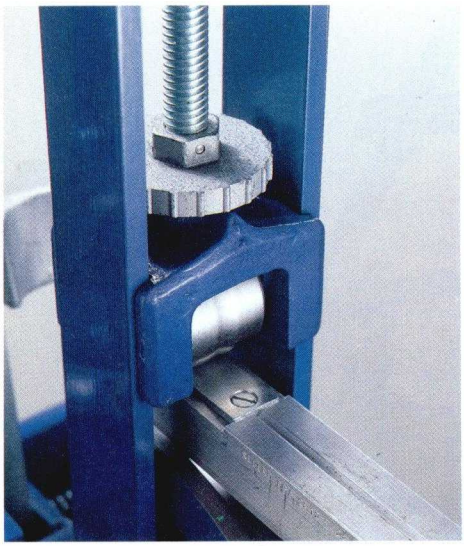
Cat. No.	Pipe capacity		Approx. weight		Unit of pack
	nom. bore in.	o.d. mm	lb	kg	
92C	⅛–2	10–60	8	3.6	1
92½C	⅛–2½	10–76	10½	4.7	1
93½C	⅛–3½	10–102	17½	7.9	1
96	⅛–6	10–165	39	17.7	1

Introduction

Record tube and pipe benders have been designed to produce perfect bends every time. They incorporate a number of unique features to make accurate bending a simple operation. These include:

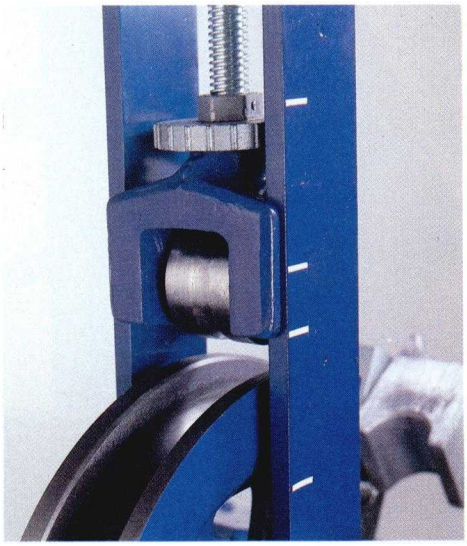
- ★ **A patented roller setting device** – ensures perfect bends every time.
- ★ **A patented guide fitment** – prevents overrunning.
- ★ **Fully interchangeable formers of grey iron** – for long life without distortion.
- ★ **Extra length guides** – allow single action 90° bends.
- ★ **Removable components** – are positively located to prevent loss.
- ★ **Single tube legs, with bowed feet** – for added stability on uneven floor surfaces, permit compound angle bends (223 machine only).
- ★ **Quick-action spring loaded pin secures the tube locator arm** – safety in use.
- ★ **Adjustable quadrant** – saves time when repetition bending.
- ★ **A rigid handle and strong tie strap** – for easy and safe portability (223 machine only).
- ★ **Free steel carrying case supplied for sets of formers and guides** – convenient and easy storage and transportation.

The Record range of tube and pipe benders consists of three models: the Handibender, the Portable Tube and Pipe Bender and the Bench Bender.



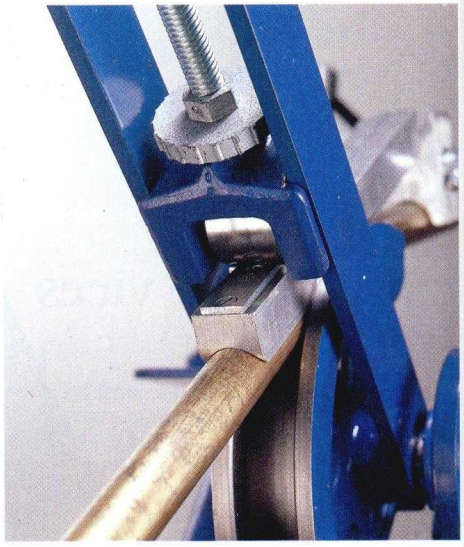
For bending light gauge copper and stainless steel

Roller setting device enables accurate setting for each size and type of tube. The roller is adjusted down to the guide until finger tight and then backed-off by the appropriate number of divisions as displayed on side of arm.



For bending conduit and steam pipe

Bottom edge of roller housing is quickly set against appropriate datum mark on side of arm. Guides are not required.



Safety in use

Guides are fitted with dual-purpose setting piece to prevent overrunning the end during bending.

Patent Nos. 1,163,407; 1,175,331

Handibender 218M *for 15 mm o.d. copper and stainless steel tube and 22 mm o.d. copper*

The ideal tool for the plumber, gas fitter and domestic heating engineer, having several key features:

- ★ Hand held they can be used in a variety of positions where space is restricted.
- ★ Compact and light, they can be carried easily from room to room.
- ★ The rigid handle is cranked to facilitate the start of each bend.
- ★ Complete with formers and separate guides for 15 mm and 22 mm o.d. tube.
- ★ Swivel loading arm has pre-set rollers to speed up operation.
- ★ Integral tube locator allows tight compound bends, off-sets, etc.
- ★ Tube can be inserted at any point along its length.
- ★ Can be held in vice and used as a bench bender.

NB *Universal bender recommended for 22 mm stainless steel.*

Materials

Formers and guides: High duty aluminium.

Former housing, swivel arm and tube locator: Malleable castings.

Handles: Cold drawn tubular steel.

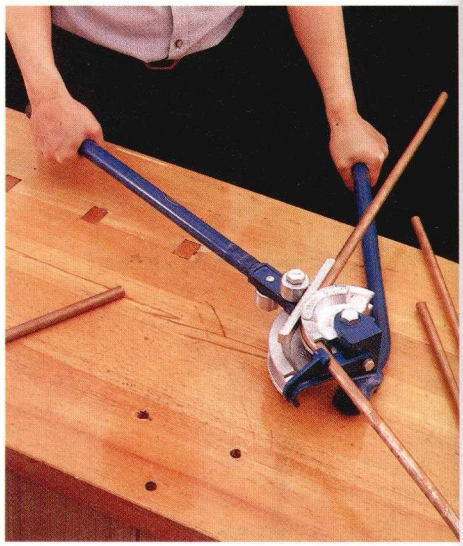
Finish

Stove-enamelled Record Blue with bright steel parts zinc coated.

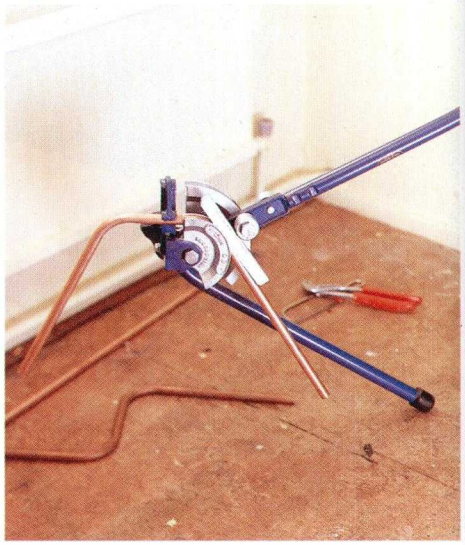
Weight

10½ lb (4.7 kg).

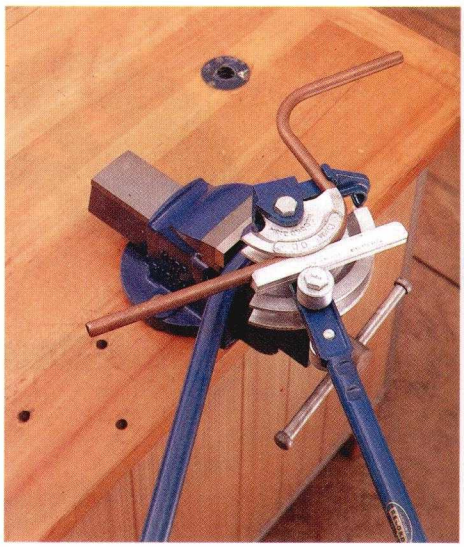
Individually cartoned for retail display.



Free hand bending



Floor support bending



Vice held bending

Conversion kits

The standard 218M Handibender can be easily adapted for sizes other than 15 mm and 22 mm o.d. by fitting the appropriate former. Conversion kits, listed below, contain both former and guide of the required size. No other modification of the machine is necessary.

Former and guide conversion kit	Size of tube	Description of tube	Unit of pack
FG 218M 1	½" nominal bore	Copper and stainless steel	1
FG 218M 2	¾" nominal bore	Copper only	1
FG 218M 3	½" outside diameter	Copper and stainless steel	1
FG 218M 4	¾" outside diameter	Copper only	1

Universal portable tube and pipe bender, 223/223A

NEW

The former Record 220 and 226 machines have been replaced by the introduction of the 223 model which is unique and is the most advanced and versatile compression bender on the market.

First-class bends are assured if the appropriate sizes of formers and guides (where applicable) are used.

A locking pin retains the swivel loading arm safely in the upright position for loading and setting.

Full 180° bends can be produced by conventional down bending, but by inverting tube locator, up bending can also be achieved.

A Record 92 hinged pipe vice (optional extra – see page 43 for details) may be mounted parallel or at right angles to the pipe.

Extension arm supplied for use on larger capacities.

The 223 bender is suitable for the following:

Capacities

Light gauge copper	up to 42 mm o.d. and 1½" nom.
Medium gauge copper (annealed)	up to 42 mm o.d. and 1⅝" o.d.
Light gauge stainless steel	up to 35 mm o.d. and 1¼" nom.
Medium gauge steel	up to 32 mm o.d. and 1¼" o.d.
Steel conduit (black enamelled)	up to 32 mm o.d. and 1¼" o.d.
Steel steam, gas, water pipe (nominal bore – black or galvanised)	up to ¾" nom.
Soft steel rod	up to 20 mm or ¾" diameter

o.d. = outside diameter nom. = nominal bore

Light gauge copper, stainless steel and medium annealed copper

The use of **formers and guides** is essential to prevent damage of the tube by the roller. The patent roller setting device, used in conjunction with setting piece on guide, ensures accurate positioning of roller. This is vital if 'rippling' or excessive 'throating' is to be avoided.

Medium gauge steel, black enamelled conduit and soft steel rod

The modified roller of the 223 is suitable for use **without guides** on thicker walled pipe. Simply adjust bottom corner of roller housing against appropriate datum line on side of swivel arm, i.e. 16 mm/⅝" o.d., 20 mm/¾" o.d., etc.

For close radius (pot floor) steel conduit bends.

Special former sizes			
mm o.d.		in. o.d.	
16	20	⅝	¾

Special former

Steel steam, gas and water pipe

As above **guides are not required.** Simply set roller housing against appropriate datum line, i.e. ⅜" nom., ½" nom., etc.

Materials

- ★ **Machine** – All steel welded construction.
- ★ **Formers** – Grey iron of guaranteed strength.
- ★ **Guides** – High duty aluminium.

Finish

Weatherproofed in tough stove-enamelled Record Blue. All bright steel parts zinc coated.

Weight

223 machine only 51 lb (23.1 kg). 223A (223 fitted with 92 vice 59 lb (26.7 kg).

Detailed instruction booklet supplied with machine.

Formers and guides (singly or in sets), if required, **must** be specified.

Free steel carrying case supplied with sets.

For individual formers, guides and sets see page 48.

Bench bender 224

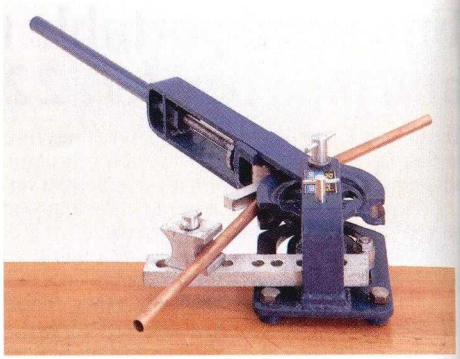
NEW

The Record bench bender now carries the universal swivel loading arm as fitted to the portable 223 and replaces the former 222 model.

The 224 is ideal for workshops where numerous tubes and pipes are bent to a standard pattern, or in educational workshops. Similar to the 223 model in principle, the body is styled for bolting to a bench or holding in a strong vice. The machine is easily adapted to either right-hand or left-hand loading.

Capacities o.d. = outside diameter nom. = nominal bore

Light gauge copper	up to 42 mm o.d. and 1½" nom.
Medium gauge copper (annealed)	up to 35 mm o.d. and 1⅜" o.d.
Light gauge stainless steel	up to 28 mm o.d. and 1" nom.
Medium gauge steel	up to 25 mm o.d. and 1" o.d.
Steel conduit (black enamelled)	up to 25 mm o.d. and 1" o.d.
Steel steam, gas, water pipe (nominal bore – black galvanized)	up to ¾" nom.
Soft steel rod	up to 20 mm or ¾" diameter



Bench benders have the following features:

★ **Machine** – All steel welded construction.
★ **Formers** – grey iron of guaranteed strength.
★ **Guides** – High duty aluminium.
★ **Sets** – Supplied with free carrying case.

Finish
Weatherproofed in tough stove-enamelled Record Blue. All bright steel parts zinc coated.

Weight
Machine only 32 lb (14.5 kg).

Former and guide sets *for use with 223 and 224 models*

Set number	Contents	Description of tube	
3FG 220M **4FG 220M** **5FG 220M**	15, 22, 28 mm o.d. 15, 22, 28, 35 mm o.d. 15, 22, 28, 35, 42 mm o.d.	Light gauge copper, and stainless steel	metric o.d.
3FG 220 **4FG 220** **5FG 220**	½, ¾, 1" nom. ½, ¾, 1, 1¼" nom. ½, ¾, 1, 1¼, 1½" nom.	Light gauge copper, and stainless steel	inch nom.
3FG 225 **4FG 226**	⅝, ¾, 1" o.d. ⅝, ¾, 1, 1¼" o.d.	Medium gauge steel, medium gauge copper (annealed)	inch o.d.
3F 226M **4F 226M**	20, 25, 32 mm o.d. 16, 20, 25, 32 mm o.d.	Steel conduit (black enamelled pipe)	metric o.d.
3F 225 **3F 226** **4F 226**	⅝, ¾, 1" o.d. ¾, 1, 1¼" o.d. ⅝, ¾, 1, 1¼" o.d.	Steel conduit (black enamelled pipe)	inch o.d.
3SF 222	⅜, ½, ¾" nom.	Steel steam, gas and water pipe	inch nom.

KEY
F = formers
FG = formers and guides

- steel, copper, etc.
- light gauge water and gas service tube – copper (BS 2871); stainless steel (BS 4127).
- light and medium gauge steel and annealed copper.
- conduit (black enamelled).
- steel, steam, gas and water pipe (BS 1387).

Individual formers and guides o.d. = outside diameter nom. = nominal bore

Metric			Imperial			Inner bend radius	
Size	Former	Guide	Size	Former	Guide	mm	inch
–	–	–	⅜" nom.	**F3D 1752**	**G3S 1752***	64	2½
12 mm o.d.	**F3A 1212**	**G3S 1212**	½" o.d.	**F3A 1283**	**G3S 1283**	44	1¾
15 mm o.d.	**F3B 1511**	**G3A 1511**	½" nom.	**F3B 1521**	**G3A 1521**	44	1¾
–	–	–	½" nom.	**F3G 2230**	**G3S 2230***	89	3½
16 mm o.d.	**F3C 1612**	**G3S 1612***	⅝" o.d.	**F3C 1600**	**G3S 1600***	44	1¾
19 mm o.d.	**F3E 1917**	**G3S 1916**	–	–	–	64	2½
20 mm o.d.	**F3E 2012**	**G3S 2013***	¾" o.d.	**F3E 1917**	**G3S 1916***	64	2½
22 mm o.d.	**F3F 2212**	**G3A 2212**	¾" nom.	**F3F 2156**	**G3A 2156**	76	3
–	–	–	¾" nom.	**F3J 2743**	**G3S 2743***	89	3½
25 mm o.d.	**F3H 2512**	**G3S 2512***	1" o.d.	**F3H 2552**	**G3S 2551***	89	3½
28 mm o.d.	**F3K 2812**	**G3A 2812**	1" nom.	**F3K 2832**	**G3A 2832**	89	3½
–	–	–	1⅛" o.d.	**F3K 2870**	**G3S 2870**	89	3½
32 mm o.d.	**F3L 3212**	**G3S 3212***	1¼" o.d.	**F3L 3188**	**G3S 3188***	102	4
35 mm o.d.	**F3M 3513**	**G3A 3513**	1¼" nom.	**F3M 3467**	**G3A 3467**	114	4½
–	–	–	1⅜" o.d.	**F3M 3513**	**G3A 3500**	102	4
42 mm o.d.	**F3N 4214**	**G3A 4214**	1½" nom.	**F3N 4102**	**G3A 4102**	152	6
–	–	–	1⅝" o.d.	**F3N 4140**	**G3A 4140**	152	6
Pot floor (close radius)			*Pot floor (close radius)*				
16 mm o.d.	**F3P 1613**	**G3S 1613***	⅝" o.d.	**F3P 1601**	**G3S 1601***	35	1⅜
20 mm o.d.	**F3P 2013**	**G3S 2013***	¾" o.d.	**F3P 1918**	**G3S 1918***	35	1⅜

* These **guides** are no longer necessary for use with 223 and 224 models, but are recommended for use with the original 220 and 222 benders.

Record Marples

Hammers

NEW

Under the Record/Marples label – two names that spell confidence to every hand tool buyer – a new range of five traditional hammer patterns, built to the most exacting standards of quality. Yet at highly competitive prices!

Double wedge and cleat method of head securing plus special treatment of the handles to reduce shrinkage means we won't lose our heads, when others lose theirs.

- ★ Heads drop-forged in high grade steel – **strong, durable, last a lifetime.**
- ★ Working faces hardened and tempered under close heat-treatment control – **ensures long life.**
- ★ Handles are either best American hickory or ash, depending on type of hammer – **confidence and reliability in use.**
- ★ Working faces polished and finished with a clear rust preventative – **attractive. Rust resistant.**
- ★ Finished in hard-wearing Record Blue epoxy paint – **rust resistant.**
- ★ Hammers are inspected at every stage of manufacture – **to ensure that every product that leaves our factory is worthy of the Record/Marples brand.**

Type	Cat. No.	Weight	Unit of pack
Pin (telephone) – cross pein (ash handles)	**H668**	3½ oz	6
Engineer's – ball pein (hickory handles)	**H666** – ½	½ lb	6
	H666 – ¾	¾ lb	6
	H666 – 1	1 lb	6
	H666 – 1½	1½ lb	6
	H666 – 2	2 lb	6
Joiner's (Warrington) – cross pein (ash handles)	**H667** – 00	6 oz	6
	H667 – 0	8 oz	6
	H667 – 1	10 oz	6
	H667 – 2	12 oz	6
	H667 – 4	16 oz	6
Adze eye claw (hickory handles)	**H660** – 2	16 oz	6
	H660 – 3	20 oz	6
	H660 – 4	24 oz	6
Mason's club (hickory handles)	**H670** – 2½	2½ lb	4
	H670 – 4	4 lb	4
Brick (adze eye) (hickory handles)	**H675** – 1½	1½	6
Sledge (double faced) (hickory handles)	**H671** – 4	4	1
	H671 – 7	7	1
	H671 – 10	10	1

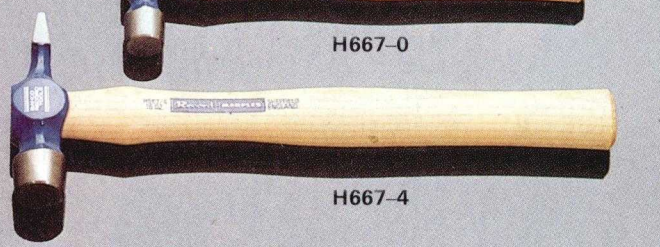
H660–3

H660–4

H666–½

H666–2

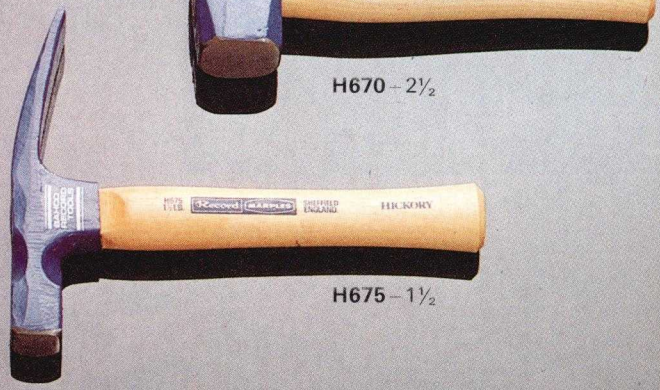
H667–0



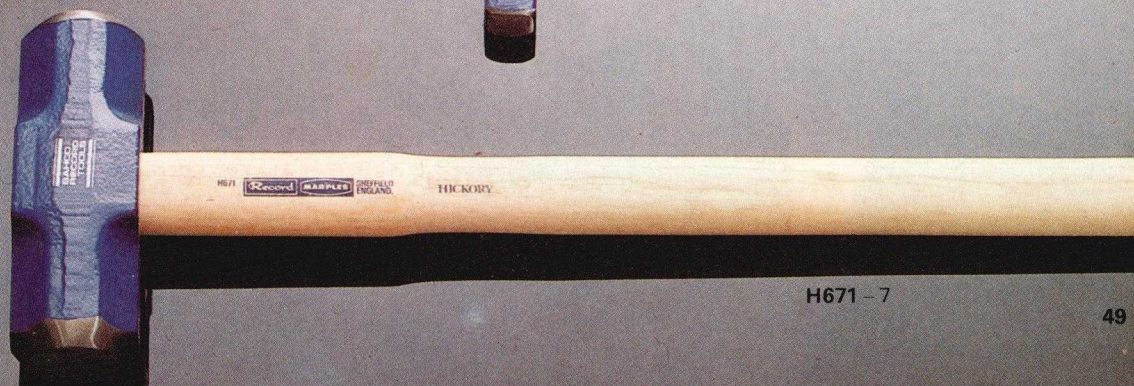
H667–4

H668

H670 – 2½



H675 – 1½



H671 – 7

05
04½
06
07
03
04
RECORD
No 07
No 03
No 04

Record Marples

Introduction

Record Marples planes have been perfected hand in hand with the art of handplaning over the past 70 years.

Their reputation has been established due to the manufacture of planes to uncompromisingly high standards, designed to meet the demanding performance requirements of wood craftsmen.

At Bahco Record, we still demand this standard of quality and have not sacrificed it in the wake of cheap-priced, cheap-quality imitators.

The result is probably the finest range of planes in the world – yet at highly competitive prices. Planes which your customers recognize as lifetime products, associated with the traditional quality of the past, at attractive value-for-money prices. The result of which will be the continued increasing demand for Record Marples planes.

Bench planes

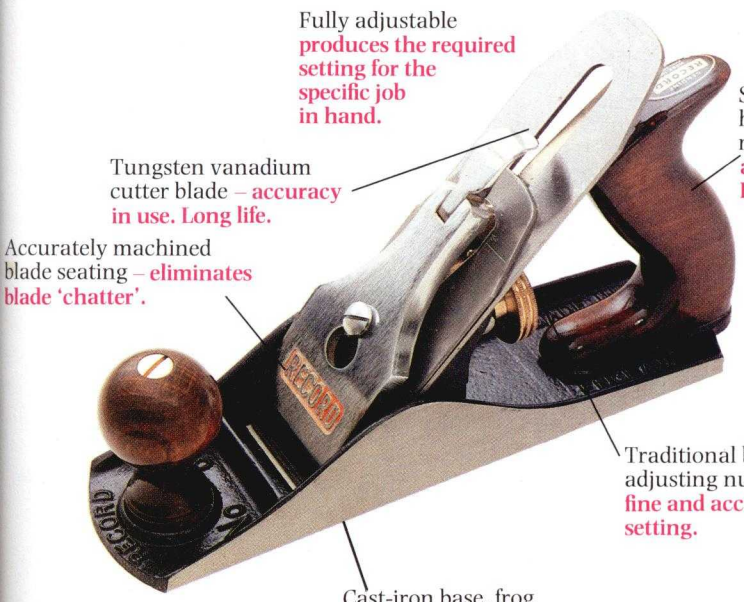
There are basically three types of bench planes:

Smoothing planes (03, 04, 04½)
the most frequently purchased plane. Used for final finishing work. Ideal for general-purpose work.

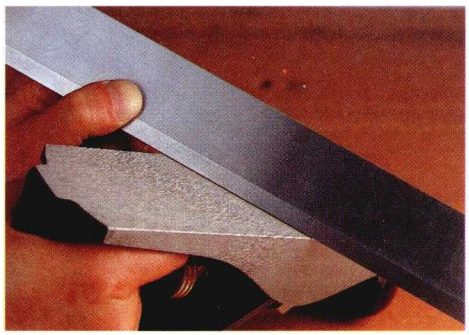
Jack planes (05, 05½)
for the preliminary squaring of rough timber. The general workhorse used for stock removal.

Fore or jointer planes (06, 07)
for removing the roughness and unevenness on long surfaces prior to smoothing.

The outstanding feature of every Record Marples bench plane is the tungsten vanadium cutter. This unique composition of steel is specially developed for and exclusive to Bahco Record. *No other cutter will take such a razor-sharp edge, or hold it longer even on the hardest woods.*


Fully adjustable produces the required setting for the specific job in hand.
Tungsten vanadium cutter blade – accuracy in use. Long life.
Accurately machined blade seating – eliminates blade 'chatter'.
Selected hardwood handle and knob not plastic – natural and comfortable 'feel'. Fatigue-free use.
Traditional brass – not steel – adjusting nut. Knurled for fine and accurate blade setting.
Cast-iron base, frog and lever cap – strong. Last a lifetime.

Bench plane with corrugated base.



Base ground to a very fine flatness of three thousandths of an inch – accuracy in use.

Cat. No.	Type	Length		Cutter width		Unit of pack
		in.	mm	in.	mm	
03	Smooth	9½	240	1¾	45	1
04	Smooth	9¾	245	2	50	1
04½	Smooth	10¼	260	2⅜	60	1
05	Jack	14	355	2	50	1
05½	Jack	15	380	2⅜	60	1
06	Jointer	18	455	2⅜	60	1
07	Jointer	22	560	2⅜	60	1

Bench plane cutters		
Type	Sizes	Unit of pack
Single cutter	1¾" (45 mm), 2" (50 mm), 2⅜" (60 mm)	6
Double cutter	1¾" (45 mm), 2" (50 mm), 2⅜" (60 mm)	6

Corrugated base bench planes are available in all whole number sizes for use on resinous woods. To order simply add suffix C, e.g. No. 04C.

Rebate planes

Rebate planes are used to work out square cuts or laps at the edge or end of a piece of wood – generally used to form grooved joints in woodworking. Record Marples manufacture two types of rebate plane.

Bench rebate plane

Recommended for general rebating work where a heavy section is being cut. Capable of cutting up to 2⅛″ in width.

Possesses all the qualities of a Record Marples bench plane.

Cat. No.	Length		Cutter width		Unit of pack
	in.	mm	in.	mm	
010	13	330	2⅛	54	1
Spare cutter single	–	–	2⅛	54	6
Spare cutter double	–	–	2⅛	54	6

Plough plane

NEW

The Record Marples plough plane will quickly and easily cut a whole variety of grooves, tongues and rebates. Its new design, incorporating a spur cutter, enables it now to be used for cross grain as well as along the grain cutting.

- ★ *Chrome vanadium cutter* No other cutters will take such a razor-sharp edge or hold it longer even on hardwoods.
- ★ *Cast-iron body and fence* Strong. Long life.
- ★ *Shaped shockproof handle* Comfortable in use. Durable.
- ★ *Fine thread depth-adjusting screw* Precise control of shaving thickness. Accuracy in use.
- ★ *Adjustable fence with ⅝″ (16 mm) deep face and two location holes*
  (*a*) Precise control of width of cut. Enables working up to 5½″ (160 mm) from edge.
  (*b*) Allows grooves to cut even in narrow boards.
  (*c*) Fillets of hardwood can be screwed on to fence to increase cutting depth.
- ★ *Hardened steel spur* Accurate and versatile use. Ensures clean cross-grain rebating. Confidence in use.
- ★ *Chrome plated* Attractive. Rustproof.
- ★ *Supplied with 4 mm cutter only* Allows user to avoid heavy initial outlay and permits him to build his set over a period of time. Increases selling opportunities.

Cat. No.	Length		Unit of pack
	in.	mm	
045C	10	254	1

Rebate plane 778

Designed for user who prefers a more versatile plane than the 010. The plane cutters can be positioned in not just one, but two positions: the standard position for normal rebating work and a forward position for planing into corners and difficult positions. Supplied with an adjustable fence (used on either side of the plane) which simplifies setting and accurately controls the size of the rebate.

- ★ *2 cutter position* All the capabilities of a rebate plane and a bull nose plane in one. Saves money.
- ★ *Chrome vanadium cutter* Unique composition of steel specially developed for and exclusive to Bahco Record. No other cutters will take such a razor-sharp edge or hold it longer, even on the hardest woods.
- ★ *Cast-iron body and fence* Strong. Long life.
- ★ *Accurately ground base* Perfect rebate cutting. Confidence in use.
- ★ *Fine thread depth-adjusting screw* Precise control of shaving thickness. Accuracy in use.
- ★ *Supplied with adjustable fence* Accurate control of width of rebate.
- ★ *Hardened steel spur* Ensures clean across grain rebating.

Cat. No.	Length		Cutter width		Unit of pack
	in.	mm	in.	mm	
778	8½	215	1½	38	1
Spare cutter			1½	38	10

Plane conversion kit K050C

NEW

Introducing the most important development in plough and combination plane selling for years! It is simple yet very effective. The Record Marples conversion kit will upgrade the 045C plough plane to a combination plane without exceeding the price of the old 050C combination plane. For a relatively small outlay a user can have the facility to carry out beading, tonguing and grooving, fluting and sash cutting with his existing Record Marples plough plane.

This affords greater flexibility in purchasing for the user and therefore increased sales opportunities for you.

Cutter sets

The full range of cutters available for use with the Record Marples plough plane has been increased from eighteen to thirty. No other manufacturer can offer such an extensive range of cutters.

The plough, beading and tonguing cutters are available as two sets:

Set No. CS045A containing nine plough plane cutters from 3.2 mm (⅛″) to 12.7 mm (½″) in a plastic wallet.

Set No. CS045B containing a further eight cutters: two plough cutters 15.9 mm (⅝″) and 22.2 mm (⅞″); five beading cutters; tonguing cutter 6.4 mm (¼″) in a plastic wallet.

All other twelve plough, tonging, fluting, sash and reeding cutters are available individually.

Type of cutter	Size mm (in.)																		
	3.2 (⅛)	4	4.8 (3⁄16)	6	6.4 (¼)	7.9 (5⁄16)	9	9.5 (⅜)	12	12.7 (½)	15.9 (⅝)	19	22.2 (⅞)	32.2 (1¼)	38 (1½)	45 (1¾)
Plough	■		■	■	■	■	■	■	■	■	■	■	■			
Fillister														■		
Beading	■		■		■			■		■						
Fluting			■		■			■								
Tonguing			■		■											
Reeding	■ (2 reed)				■ (2 reed)											
	■ (3 reed)				■ (3 reed)											
Sash															■	■

010
778
045C
CS045B
K050C
050C
CS045A

Block planes

A range of four Record Marples block planes, each a handy size for one-handed operation.

The plane iron in each model is set at a lower angle than other planes to ensure efficient end grain planing. Also ideal for small-scale chamfering and planing jobs.

Features of all Record Marples block planes:

- ★ Top quality carbon steel cutters – **keen honed edge.**
- ★ Cast-iron bodies and lever caps – **durable. Long lasting.**
- ★ Precisely ground bases – **accuracy and confidence in use.**

060½

NEW

Specially introduced to satisfy the demand for planing plastic laminates and other man-made composite materials. Cutter set at an angle of 12½°. Fully adjustable for depth of cut. Screw-adjusted cutter held firmly in place by a lever and cam.
Mouth adjustment for coarse or fine work.

09½

Fully adjustable for depth of cut. Screw-adjusted cutter held firmly in place by a lever and cam.
Lever for lateral blade adjustment.
Mouth adjustment for coarse or fine work.

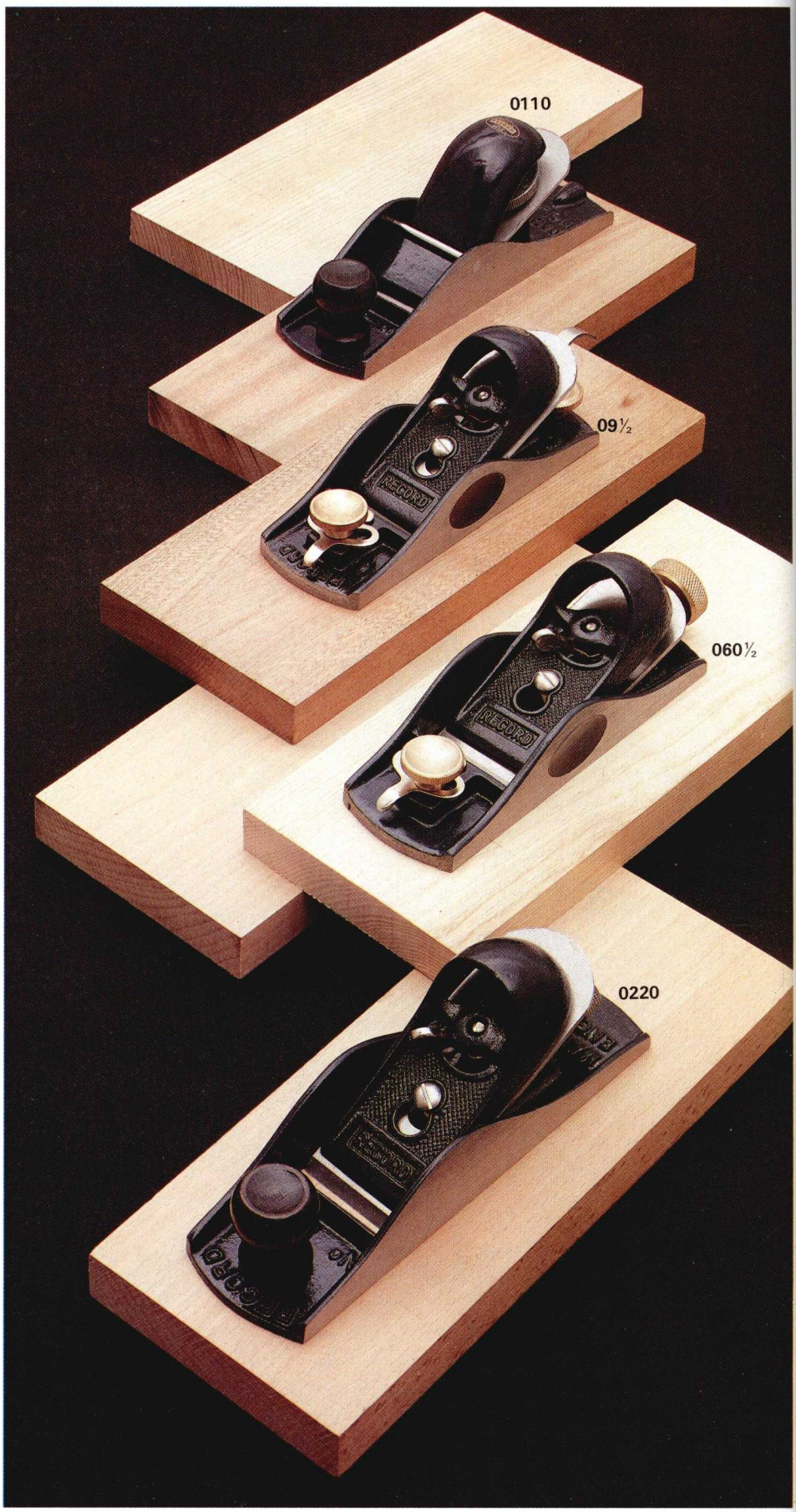
0110

Economy block plane.
Cutter held rigidly by a knurled wheel and screw.

0220

General-purpose block plane.
Screw adjustment for depth of cut.
Cutter held rigidly by knurled wheel and screw.

Cat. No.	Length		Cutter width		Unit of pack
	in.	mm	in.	mm	
060½	6	150	1⅝	42	1
09½	6	150	1⅝	42	1
0110	7	180	1⅝	42	1
0220	7	180	1⅝	42	1



Shoulder rebate plane

The shoulder or cabinet maker's plane is designed for very fine, accurate work and is made compact for one-handed operation. It is manufactured from cast iron for strength and for a long life even with consistent usage. The base *and* sides are precision machined for accurate planing laid flat on either side, as well as normal planing.

Adjustable depth of cut and adjustable mouth – for fine *or* coarse work.

Cat. No.	Length in.	Length mm	Cutter width in.	Cutter width mm	Unit of pack
073	8⅛	206	1¼	32	1

Bull nose rebate plane

Designed for very fine accurate work, the Record Marples bull nose plane is one of the most versatile planes on the market. It can be used as a rebate or a shoulder plane and can be converted into a chisel plane by removing the nose. Boasting all the qualities of the 073 shoulder rebate plane it possesses the added benefit of a very fine mouth adjustment. The embodiment of two steel distance pieces between the detachable nose and the body provides four different mouth adjustments.

Cat. No.	Length in.	Length mm	Cutter width in.	Cutter width mm	Unit of pack
077	4	102	1⅛	29	1

Circular plane

This plane is designed for use on concave and convex surfaces. Curvature of the flexible steel face is accurately set by means of a centre screw adjustment.

The frame is shaped to provide a comfortable grip at each end and the cutter is fully adjustable, being secured when set by a lever cap.

Cat. No.	Length in.	Length mm	Cutter width in.	Cutter width mm	Unit of pack
020C	10	250	1¾	45	1

Spokeshaves

A handy shaping tool for curved surfaces. Manufactured by Record in two models. The A151 for convex curves and the A151R for concave curves.

Malleable iron handles are virtually unbreakable and designed for a lifetime's use. Fully adjustable cutter manufactured from top quality tool steel to create and retain a keen cutting edge.

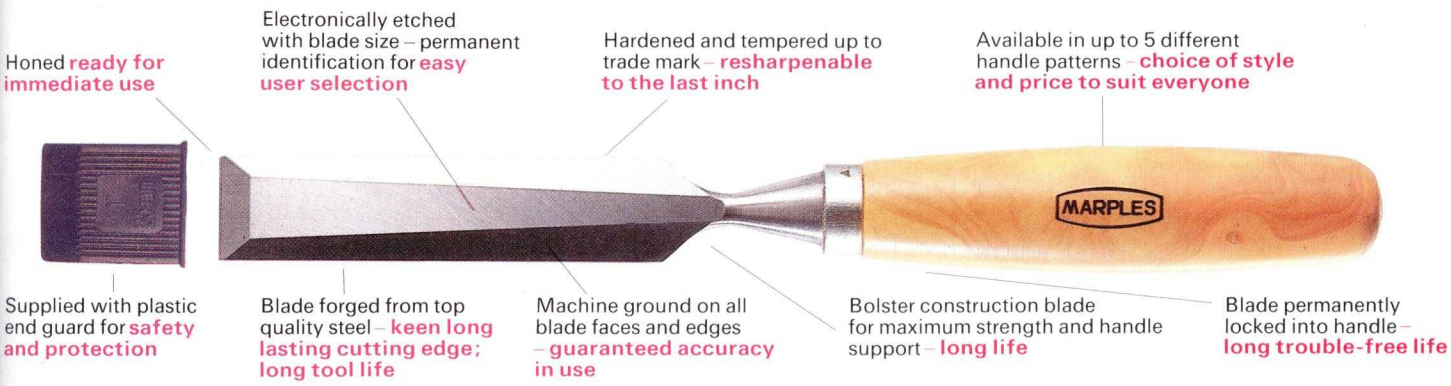
Cat. No.	Length in.	Length mm	Cutter width in.	Cutter width mm	Unit of pack
A151	10	250	2⅛	54	1
A151R	10	250	2⅛	54	1

Introduction

It is not by chance that Marples wood chisels have earned a world-wide reputation for consistent high quality and long life. The pre-eminent position held is based upon a continuous policy of quality in production and continuous research which has brought significant improvements in product design.

Every stage of manufacture of a Marples wood chisel is carefully controlled within fine tolerances, and every product is individually tested before it is allowed to leave the factory, to ensure that only the highest quality chisels bear the Marples hallmark.

Qualities of a Marples chisel


Honed ready for immediate use
Electronically etched with blade size – permanent identification for easy user selection
Hardened and tempered up to trade mark – resharpenable to the last inch
Available in up to 5 different handle patterns – choice of style and price to suit everyone
MARPLES
Supplied with plastic end guard for safety and protection
Blade forged from top quality steel – keen long lasting cutting edge; long tool life
Machine ground on all blade faces and edges – guaranteed accuracy in use
Bolster construction blade for maximum strength and handle support – long life
Blade permanently locked into handle – long trouble-free life

Marples offer one of the largest range of wood chisels in the world

Chisel and gouge selection chart

Range	MR222	M370	M444	M373	M377	MR111	M310	M333	M313	M317	M601	M773	M430	M437	M410	M417
Type																
Bevel edge	■	■	■	■	■											
Firmer						■	■	■	■	■						
Mortice											■	■				
Gouges (in cannel)													■	■		
Gouges (out cannel)															■	■
Handle																
Ash (carvers)	■					■										
Ash (traditional)		■					■				■		■		■	
Blue chip			■					■								
Splitproof				■					■			■				
Boxwood					■					■				■		■
Range																
$\frac{1}{8}$"–1$\frac{1}{2}$"	■	■	■	■	■											
$\frac{1}{4}$"–$\frac{1}{2}$"												■				
$\frac{1}{4}$"–1"													■	■	■	■
$\frac{1}{4}$"–1$\frac{1}{4}$"						■	■	■	■	■						
$\frac{1}{4}$"–1$\frac{1}{2}$"											■					
Set of 3	■					■										
Set of 4	■	■	■	■	■	■	■	■	■	■						
Set of 5	■	■	■	■	■	■	■	■	■	■						

Bevel edge and firmer chisels

The use of **bevel edge chisels** has changed considerably over the last 30 years. What was once a specialist tool is now manufactured with enough strength for use as a general-purpose chisel as well as for the jobs for which it was originally intended: fine cabinet work, dovetailing and chiselling in angled corner joints. It is the most frequently purchased chisel.

As their name implies, **firmer chisels** are designed for heavier work and are principally used in housing joints, grooves whose edges are 90° and any situation where a user wishes to avoid undercutting.

Marples offer five different ranges of bevel edge and firmer chisels, each range designed to fit a user's particular design and price requirements. Few manufacturers in the world can offer such a breadth of range.

Boxwood handle range – *the choice of the craftsman*

Close-grained boxwood handle
Durable, high impact resistant. Lasts a lifetime.
More resistant to slipping than standard plastic handles.

Traditional carver shape
The most comfortable shape available.

Rounded striking face
Especially comfortable to use for long periods of paring work.

Steel ferrule with anodized finish
Prevents handle splitting.
Far stronger than traditional brass ferrule.
Rust resistant.

Splitproof range – *the construction worker's chisel*

Impact resistant handle, designed for use with a hammer
Guaranteed for life, Marples will replace any handle that splits.
Specifically designed for heavy-duty work.
Not restricted to use with a mallet only, as normal chisels are.

Special handle design
Comfortable in use. Can be used for long periods without user fatigue.

Broad striking head
Reduces risk of foul blows.

Blue chip range *for the professional woodworker*

Polypropylene handle
Hard wearing.
Designed for use with a mallet, but will accept incidental use with a hammer.

Square section handle
More comfortable to hold than round plastic handle, less danger of slipping when in use.

Rounded square striking face
Especially comfortable for use for long periods of paring work.
Broader head than normal reduces risk of foul blows.

Traditional round ash handle range *for the professional and the discerning home woodworker*

Seasoned hardwood handle
Strong yet light.

Traditional handle design
Comfortable in use.

Steel ferrule with anodized finish
Prevents handle splitting.
Stronger than traditional brass ferrule.
Rust resistant.

Carvers pattern ash handle range *for the home woodworker*

NEW

Seasoned hardwood handle
Strong yet light.

Traditional carver shape
The most comfortable shape available.
Especially comfortable for use for long paring jobs.

Steel ferrule with anodized finish
Prevents handle splitting
Far stronger than traditional brass ferrule.
Rust resistant.

Chisel type	Range Cat. No.	Range Quality	Sizes									Unit of pack	Set of 3	Set of 4	Set of 5	Unit of pack
			1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"		1/2", 3/4", 1"	1/4", 1/2", 3/4", 1"	1/4", 3/8", 1/2", 3/4", 1"	
			3 mm	6 mm	9 mm	13 mm	16 mm	19 mm	25 mm	32 mm	38 mm		13, 19, 25 mm	6, 13, 19, 25 mm	6, 9, 13, 19, 25 mm	
Bevel edge	MR222	Carvers pattern ash handle	■	■	■	■	■	■	■	■	■	6	■	■	■	1
	M370	Traditional round ash handle	■	■	■	■	■	■	■	■	■	6		■	■	1
	M444	Blue chip	■	■	■	■	■	■	■	■	■	6		■	■	1
	M373	Splitproof	■	■	■	■	■	■	■	■	■	6		■	■	1
	M377	Boxwood handle	■	■	■	■	■	■	■	■	■	6		■	■	1
Firmer	MR111	Carvers pattern ash handle		■	■	■	■	■	■	■		6	■	■	■	1
	M310	Traditional round ash handle		■	■	■	■	■	■	■		6		■	■	1
	M333	Blue chip		■	■	■	■	■	■	■		6		■	■	1
	M313	Splitproof		■	■	■	■	■	■	■		6		■	■	1
	M317	Boxwood handle		■	■	■	■	■	■	■		6		■	■	1

MR222
M317
M313
M333
M310
MR111
M370
M444
M373
M377
MARPLES

M410
M417
M430
M437
M773

Mortice chisels

A specialist chisel designed for chiselling mortices, but which can also be used for any heavy-duty work. In chiselling a mortice, the blade is used not only for cutting but also as a lever to force waste out. Special features of all Marples mortice chisels are very thick chisel blades able to withstand the hard use they are subjected to and tapered blade sides that prevent the chisel jamming in the cut.

Marples offer two qualities of mortice chisels.

Registered design – *traditional pattern*

Special design ash handle
Strong yet light.
Comfortable in use.

Steel hooped at top and bottom of handle
Positive prevention of handle splitting.

Leather washer between blade and handle
Absorbs shock. Comfortable in use particularly for long periods.

Splitproof design *for deep mortice work*

NEW

Impact resistant handle
Guaranteed for life. Marples will replace any handle that splits.
Specially designed for heavy duty work.

Special handle design
Comfortable in use. Can be used for long periods without user fatigue.

Broad striking head
Reduces the risk of foul blows.

Exceptionally thick section blade
Specifically designed to withstand the rigours of levering in deep mortices.

Range Cat. No.	Range Quality	Sizes ¼" 6 mm	5/16" 8 mm	⅜" 9 mm	½" 13 mm	⅝" 16 mm	¾" 19 mm	⅞" 22 mm	1" 25 mm	1¼" 32 mm	1½" 38 mm	Unit of pack
M601	Registered	■	■	■	■	■	■	■	■	■	■	6
M773	Splitproof	■	■	■	■							6

Marples joiner's mallet

NEW

Beechwood head and ash shaft

Cat. No.	Head width	Weight	Unit of pack
MR7715	4½" (89 mm)	1¼ lb (0·5 kg)	3

Marples chisel edge guards

Manufactured in tough plastic. An invaluable safety aid which protects the chisel edges. Available in boxed assortment.

Cat. No.	Sizes	⅜" 3 mm	¼" 6 mm	⅜" 9 mm	½" 13 mm	⅝" 16 mm	¾" 19 mm	⅞" 22 mm	1" 25 mm	1¼" 32 mm	1½" 38 mm
M380/C72	Quantity	9	9	9	9	4	8	4	12	4	4

Firmer gouges

A firmer gouge is a chisel with a concave blade ground with the bevel either on the outside (out cannel) or on the inside (on cannel). Gouges are used for cutting grooves, hollows and paring the ends of irregular surfaces which must be matched together.

The special features of Marples gouges are: the extreme accuracy of shape (achieved by machine grinding on specially curved wheels) and the steel ferrule which prevents splitting (far stronger than traditional brass ferrule and is rust resistant).

Marples offer two qualities of firmer gouges.

Boxwood handle range
the choice of the craftsman

Close grained boxwood handle
High impact resistant.
Durable. Lasts a lifetime.
More resistant to slipping than standard plastic handles.

Traditional carver shape
The most comfortable shape available.

Rounded striking face
Especially comfortable to use for long periods of paring work.

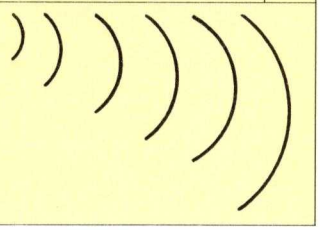
Traditional round ash handle range *for the professional and for the discerning home woodworker*

Seasoned ash handle
Strong yet light.

Special handle design
Comfortable in use.

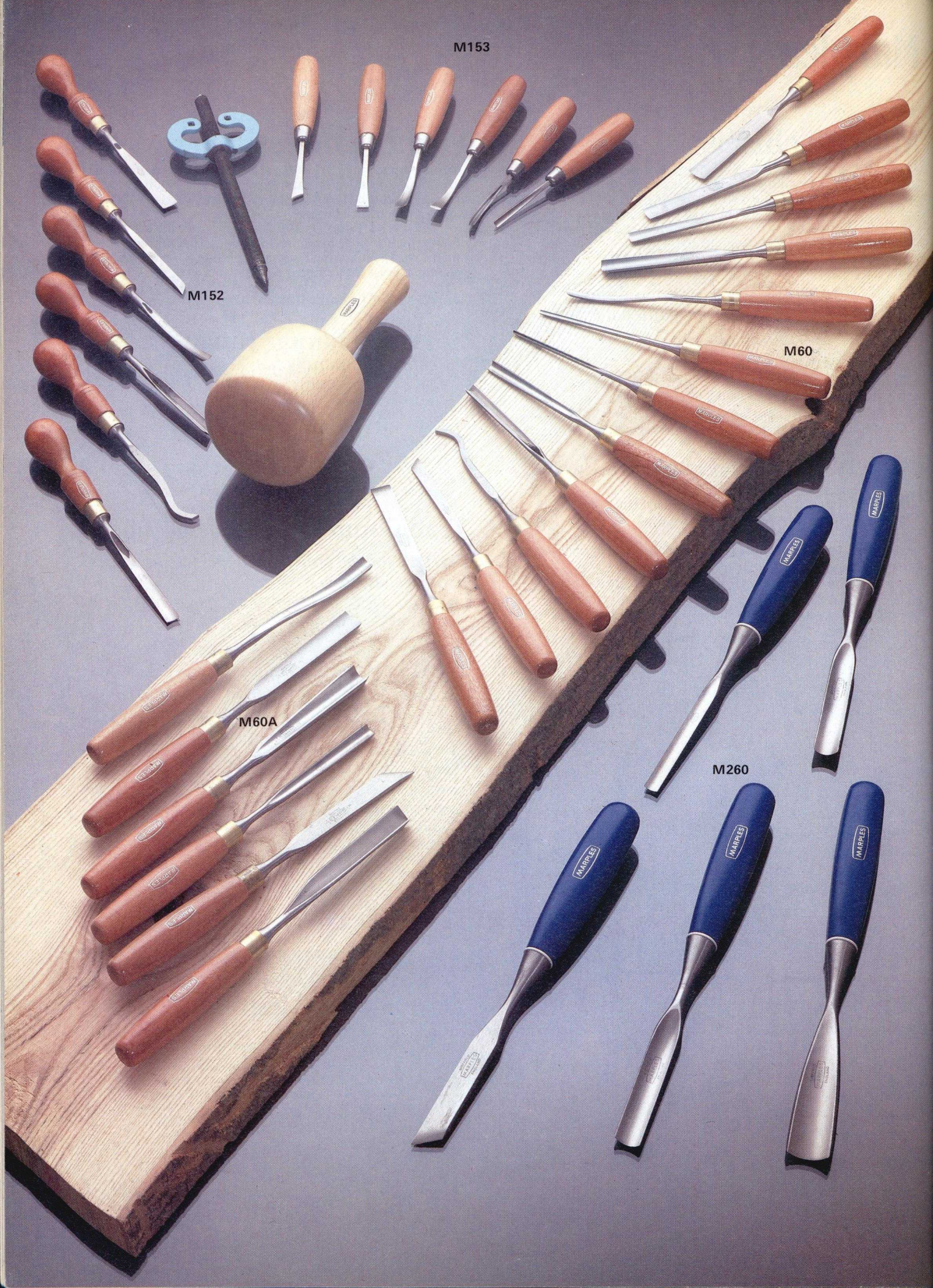
Range Cat. No. and Type	Range Quality	Sizes ¼" 6 mm	⅜" 9 mm	½" 13 mm	⅝" 16 mm	¾" 19 mm	1" 25 mm	Unit of pack
M417 Out cannel	Boxwood handle	■	■	■	■	■	■	6
M410 Out cannel	Ash handle	■	■	■	■	■	■	6
M437 In cannel	Boxwood handle	■	■	■	■	■	■	6
M430 In cannel	Ash handle	■	■	■	■	■	■	6

Actual size and shape of cutting edge



Marples chisel handles

Cat. No.	Handle type	Chisel type	Unit of pack
MR7510	Carvers pattern ash	Firmer and bevel edge	12
MR7512	Traditional round ash	Firmer and bevel edge	12
M7527	Boxwood	Firmer and bevel edge	12
M7553	Splitproof	Firmer, bevel edge and mortice (M773 series)	12
M7565	Ash	Mortice (601 series)	12


M153
M152
M60
M60A
M260

Marples Woodcarving and Sculpturing Tools

Marples woodcarving chisels are differentiated by three important areas:

(a) Length shape – straight, curved or bent.
(b) Section – curved, flat or V shaped (refer to diagram).
(c) Width across the tool

Briefly outlined below are the basic shapes and their major uses:

Chisels

Chisels are flat with no curvature and are square or skew.

Square chisels are ground square across the end of the blade, skew chisels are ground at an angle of 23°.

Chisels are used for outlining, for reaching acute corners and for cleaning up recessed backgrounds.

Spoon Bit Chisel

Similar to a chisel but with the end of the tool shaped like a spoon for fine work that would be impossible with a straight chisel.

Gouges

Similar to chisels but with a curvature to the blade, they are the most frequently used carving tool.

Used for grooving, or, when turned over, for carving convexed shapes, they are available in nine sizes and types of sweep.

The size of the sweep selected will vary with the amount of work the tool is required to do.

The higher the number of the gouge, the greater the blade sweep or curvature.

Bent Gouges

As per gouges but with a long bend in the blade. Used for cutting hollows in rounded shapes or for removing large amounts of wood when carving bowls.

Parting Tool

Often called 'V' tools due to their cutting shape, used for outlining, lettering, finishing corners and cutting sharp edged grooves.

Veiner

A narrow, straight gouge, U shape in section, invaluable for lettering and fluting work.

Qualities of a Marples woodcarving tool

★ Four ranges
Wide user choice.

★ Hardened and tempered tool steel blades
Keen and long lasting cutting edges.

★ Selected hardwood handle (60, 152, 153 Ranges).
High impact resistant. Durable, lasts a lifetime.

★ Polypropylene handle (M260 Range).
Hard wearing. Designed for use with mallet.

★ Steel ferrule with anodized finish
Prevents handle splitting.
Stronger than traditional brass ferrule.
Rust resistant.

Marples recognize that the design requirements of end users differ. We therefore offer four different ranges of woodcarving and sculpting tools, each range designed for a specific use and user.

M60 Range – *top of the class range, for the professional carver and leisure-time enthusiast.*

Can be used by hand and with a mallet. Used for bench mounted medium to large carving work.

M152 Range – *For the leisure-time enthusiast.*

Primarily designed for hand work but will accept occasional use with mallet. Used for small to medium carving work.

Carving tool sets

M60 Set of 12 full size carving tools 9½″ (240 mm) long overall *(see table below for contents).*

M60A Set of 6 full size carving tools 9½″ (240 mm) long overall *(see table below for contents).*

M60B Set of 6 full size carving tools 9½″ (240 mm) long overall *(see table below for contents).*

M60C Set of 6 full size carving tools 9½″ (240 mm) long overall *(see table below for contents).*

M153 Range – *For the leisure-time enthusiast.*

Particularly useful for fine cutting, chip carving and small or delicate work.

M152 Set of 6 full size blade medium size handle 8″ (200 mm) long overall *(see table below for contents).*

M153 Set of 6 small size carving tools 6½″ (165 mm) long overall.
Contents consist of combined components of sets **M153A** and **M153B**. An ideal beginners set.

M153A Set of 3 small size carving tools 6½″ (165mm) long overall.
Square chisel 5/16″; bent square chisel 5/16″; skew chisel 5/16″.

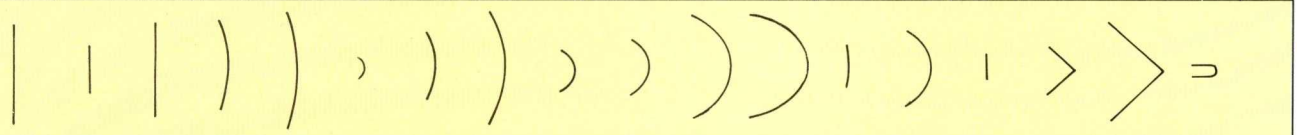
M153B Set of 3 small size carving tools 6½″ (165 mm) long overall.
Straight gouge 1/16″; bent gouge 5/16″; bent 'V' tool 3/16″.

M260 Range – *For the professional carver and leisure-time enthusiast.*

Designed for use with a mallet. Used for the rapid removal of wood for roughing out work but can also be used for sculpturing in soft stone.
Similar hard wearing plastic handle as on the famous Marples 'Blue Chip' chisel range.
A range of fine patterns comprising:
Fantail gouge 1″: straight gouge 5/8″: bent gouge 5/8″: straight gouge 3/8″: skew chisel 5/8″.
Individually walleted.

Wood sculpture set

M260 set comprising of all five patterns of M260 range. 10″ (250 mm) long overall.

Description	Square chisel	Skew chisels		Straight gouges									Bent gouges		Spoon bit chisel	V parting tools		Veiner	Unit of pack
Cat. No.	M1	M2	M2	M5	M5	M6	M6	M6	M7	M8	M8	M11	M14	M16	M21	M39	M39	M47	1
Inch size	1/2	1/4	1/2	1/2	5/8	1/8	3/8	5/8	1/4	1/4	1/2	1/2	1/4	3/8	1/8	1/4	1/2	1/16	
Actual size and shape of cutting edge																			
M60	■	■		■	■	■	■		■		■		■		■	■		■	1
M60A			■					■		■		■		■			■		1
M60B	■			■		■					■		■			■			1
M60C		■			■		■		■						■			■	1
M152		■		■			■						■		■	■			1

Full size carving tools (M60 series) are available either individually walleted or in sets

Wood Carver's mallet M204

Well balanced mallet with round beechwood head to provide constant striking surface and ash handle to absorb shock. Head diameter 4″ (102 mm).

Woodcarver's screw M277

Holds carvings without obstruction, allowing access to all sides. Use the wing nut as a wrench on the square shank to drive the screw into the carving base; drop screw through hole in workbench and tighten nut underneath.

'Woodcarving' by P. Blandford

Ninety-page Foyles handbook on techniques from simple decoration through to relief carving and sculpture. Ideal for the beginner.

Slipstones

Knife-edge 2¼ × 1 × ¼″ (57 × 25 × 6 mm), suitable for sharpening and deburring small carving tools.

Round edged 4 × 1 × 9/16 × 1/16″ (100 × 25 × 14 × 5 mm), suitable for a wide variety of gouges.

There are four basic types of woodturning tools. Gouges – used mainly for roughing between centres and bowl turning; skew chisels for finishing between centres only; round nose and diamond point (scrapers) for shaping and finishing; parting tools for marking out and parting off.

Marples woodturning tools are available in three ranges – small for the home craftsman; standard and long handled for use in industry and education; plus the heavy-duty scraper range.

Qualities of a Marples woodturning tool

Four ranges
Wide user choice.

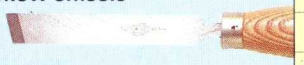
Hardened and tempered tool steel blades
For keen and long-lasting cutting edge.

Waisted ash handles
Strong yet light.
Safe and comfortable in use.

Steel ferrule with anodized finish
Prevents handle splitting.
Far stronger than traditional brass ferrule.
Rust resistant.

Electronically etched blade size
Permanent identification for easy user identification.

Individual woodturning tools

	Blade width in.	mm	Small 13½" (345 mm)	Unit of pack	Standard 16½" (420 mm)	Unit of pack	Long handled 19" (480 mm)	Unit of pack
Gouges	¼	6	M961	1	M990	1	M970	1
	½	13	M961	1	M990	1	M970	1
	⅝	16			M990	1	M970	1
	¾	19			M990	1	M970	1
	1	25			M990	1	M970	1
Skew chisels 	½	13	M964	1	M980	1	M974	1
	¾	19			M980	1	M974	1
	1	25			M980	1	M974	1
Parting tool	½	6	M962	1	M1000	1	M973	1
Round nose chisels	½	13	M960	1	M986	1	M972	1
	1	25			M986	1	M972	1
Diamond point chisels	½	13	M963	1	M987	1	M971	1
	1	25			M987	1	M971	1

Small and standard size tools are available walleted individually or in sets (see below). Long handled tools and heavy-duty scrapers available individually.

Sets of small size woodturning tools

M1005 – *set of 3*
½" Gouge (M961)
½" Skew chisel (M964)
Parting tool (M962)

M1006 – *set of 3*
¼" Gouge (M961)
½" Round nose chisel (M960)
½" Diamond point chisel (M963)

M1001 – *set of 6*
Combines sets M1005 and M1006

Sets of standard size woodturning tools

M1002 – *set of 8*
¼" Gouge (M990)
½" Gouge (M990)
⅝" Gouge (M990)
Parting tool (M1000)
½" Round nose chisel (M986)
½" Diamond point chisel (M987)
½" Skew chisel (M980)
1" Skew chisel (M980)

M1010 – *set of 3*
¼" Gouge (M990)
½" Gouge (M990)
½" Diamond point chisel (M987)

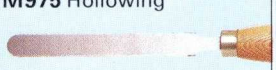
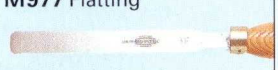
M1011 – *set of 3*
⅝" Gouge (M990)
½" Round nose chisel (M986)
½" Skew chisel (M980)

M1012 – *set of 3*
¾" Gouge (M990)
¾" Skew chisel (M980)
1" Diamond point chisel (M987)

M1013 – *set of 3*
1" Gouge (M990)
1" Skew chisel (M980)
1" Round nose chisel (M986)

Heavy-duty scraping chisels

Overall length: 21"/535 mm **Blade section:** 1"/25 mm × 5/16"/8 mm

M975 Hollowing	M976 Backing	M977 Flatting	M978 Left-hand spade	M979 Right-hand spade
				

M1006
M1005
M1012
M1013
M1011
M1010
M1002

Gauges

Marples Ridgway offer a complete range of gauges.

Marking gauges – for marking lines parallel to an edge with the grain.

Cutting gauges – for marking or cutting lines parallel to an edge across the grain.

Mortice and marking gauges – laying out mortices and tenons, plus marking out with the grain.

Marking gauges

MR2049

NEW

Economy marking gauge. Hardwood with plastic thumbscrew and hardened steel spur.

M2050

Improved quality. Now manufactured from selected hardwood, varnished finish and fitted with brass thumbscrew. Hardened steel spur.

Cat. No.	Description	Unit of pack
MR2049	Marking gauge	6
M2050	Marking gauge	6

Cutting gauge

Improved quality. Boasts the same improvements as M2050 – hardwood, varnished finish, brass thumbscrew. Sharp steel blade, held in place by a brass wedge, severs fibres for a clean mark. Can also be used for cutting strips of wood veneer and small rebates.

Cat. No.	Description	Unit of pack
M2083	Cutting gauge	4

Mortice and marking gauges

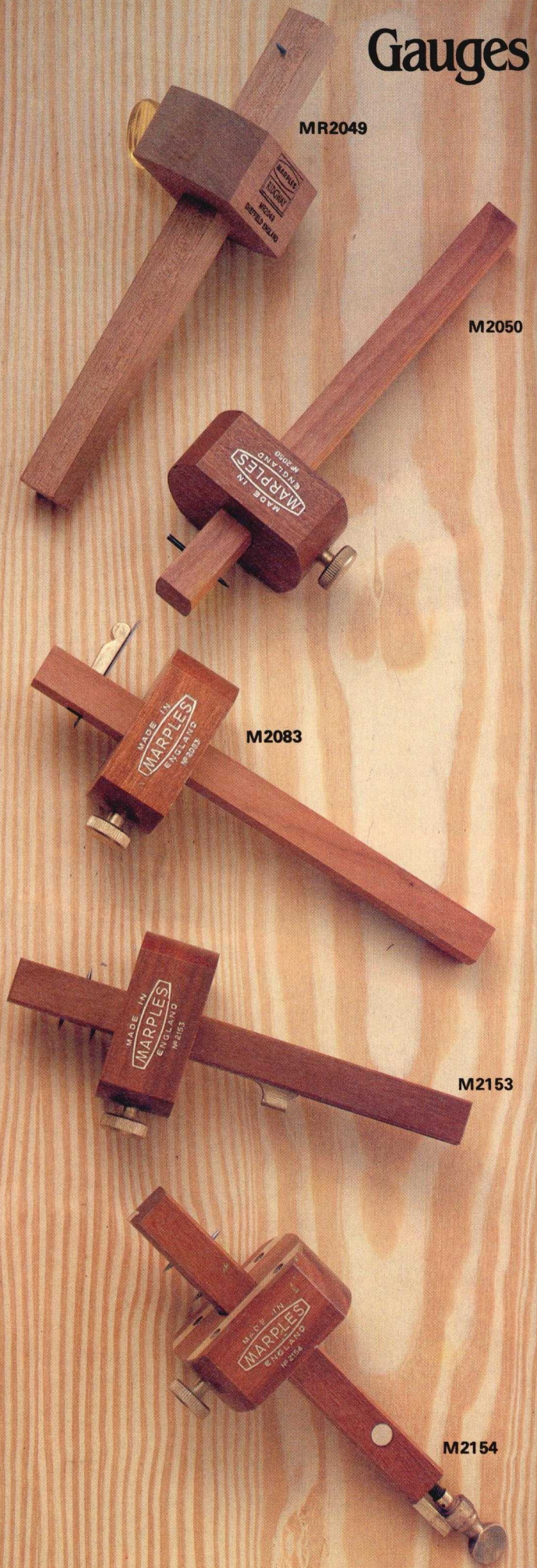
M2153

Combines two functions: laying out mortices by means of the double spurs on one side and marking out with the single spur on the other side. Hardwood with brass pull slide. Knurled brass thumbscrew for securing stock.

M2154

The de luxe model. Hardwood with brass facing strips and thumbscrew-operated slide. Knurled brass thumbscrew for securing stock.

Cat. No.	Description	Unit of pack
M2153	Mortice and marking gauge	4
M2154	Mortice and marking gauge	2



Squares and Bevels

Trysquares

MR2208 range

NEW

New range of Marples Ridgway economy trysquares. Hardwood stock. Hardened steel blade secured by steel rivets and brass washers.

M2200 range

Hardwood stock faced with brass to give protection against damage. Hardened steel blade secured to stock by three steel rivets and brass washers thus preventing any movement and assuring maximum accuracy.

Cat. No.	Size in.	mm	Unit of pack
MR2208	6	150	6
	9	225	6
M2200	6	150	6
	9	225	6
	12	300	4

Mitre square

Designed for marking out 45° angles for picture framing or installing mouldings. Hardwood stock secured to hardened steel blade with steel rivets and brass washers.

Cat. No.	Size in.	mm	Unit of pack
MR2210	10	250	2

Sliding bevel

A trysquare which can be adjusted to any angle, used for marking or checking angles. Hardwood stock with brass protected ends and positive-action brass locking lever. Hardened steel blades.

Cat. No.	Size in.	mm	Unit of pack
M2226	9	225	4

Multipurpose try and mitre square

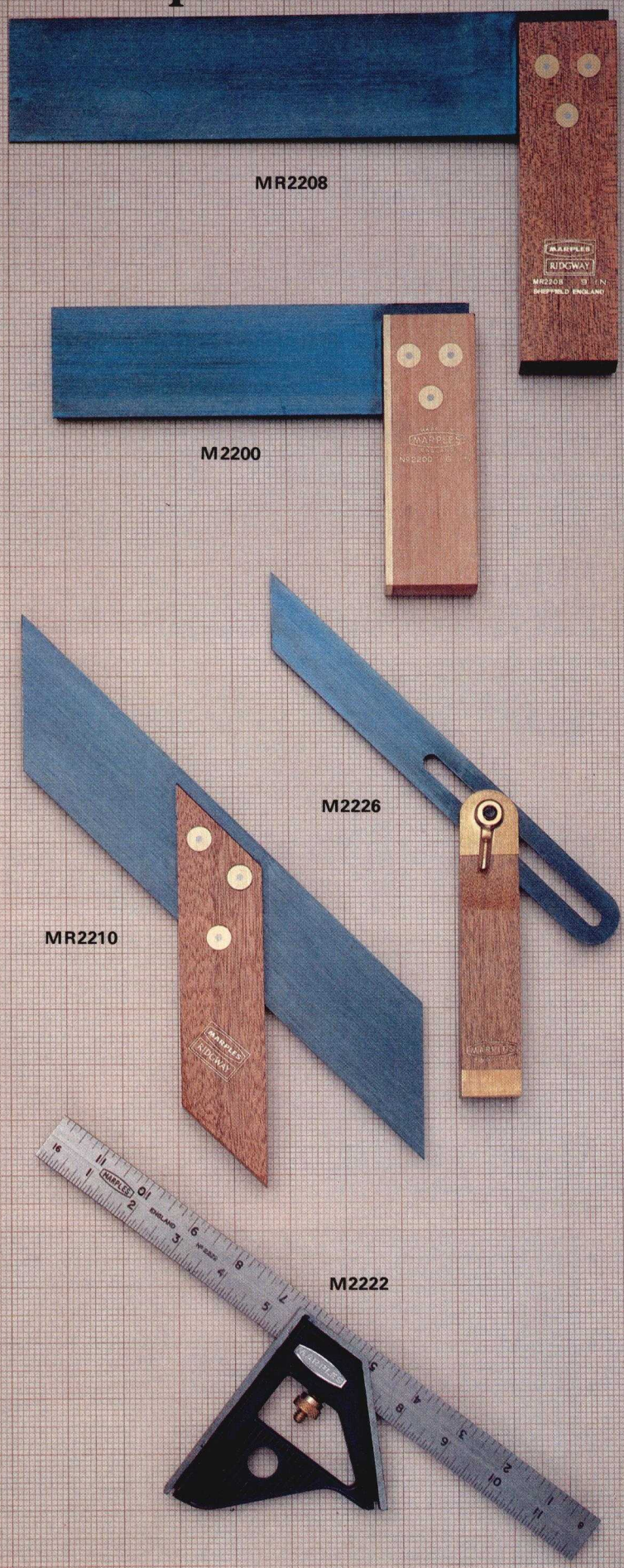
The all-purpose square from Marples.

Used to mark both 90° and 45° angles, this all-metal square features a sliding head that can be locked in any position.

The 12″ (300 mm) steel blade is marked in $\frac{1}{16}$″ and $\frac{1}{4}$″ on one side and centimetres and millimetres on the reverse.

All working surfaces are machined to very fine tolerances to ensure extreme accuracy in use.

Cat. No.	Size in.	mm	Unit of pack
M2222	12	300	5



Marples Ridgway

Holding and Mitreing Tools

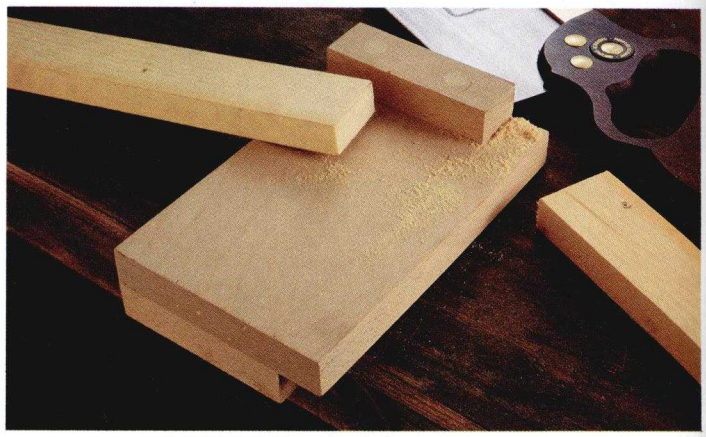
A completely revamped range, under the Marples Ridgway brand.

The cost savings derived from redesign and improved manufacturing techniques result in keener prices and better value for money.

Bench hook

For helping to secure timber when sawing with a tenon saw. Manufactured from selected hardwood.

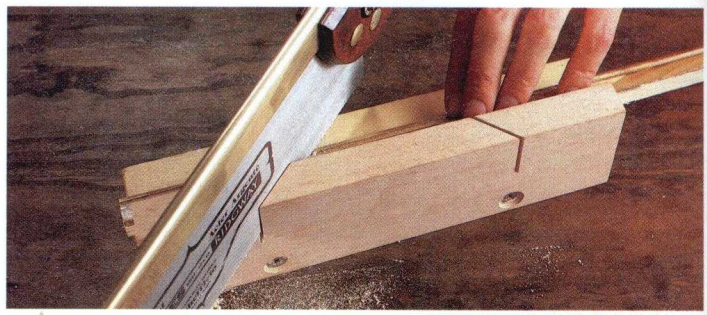
Cat. No.	Size in.	mm	Unit of pack
MR4697	5 × 8	125 × 200	3



Mitre block

The economy saw guide for mitreing picture framing and other mouldings up to 2″ × 1⅞″ (51 × 48 mm). Beechwood.

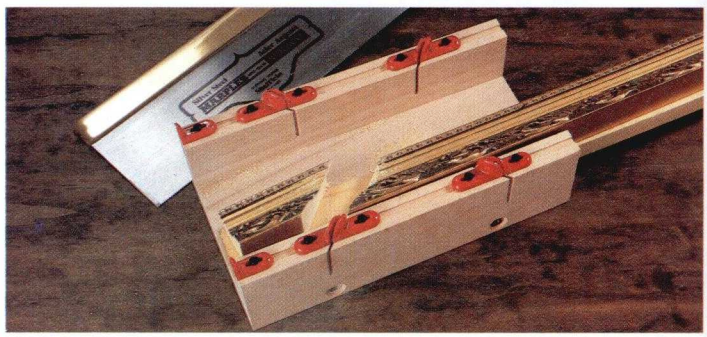
Cat. No.	Size in.	mm	Unit of pack
MR6816	10½ × 2½	265 × 70	6



Mitre box

Quality finished beechwood mitreing box for mouldings up to 4″ × 2″ (102 mm × 51 mm), supplied with self-assembly saw guides.

Cat. No.	Size in.	mm	Unit of pack
MR6821	10½ × 5¾	265 × 145	1



Mitre cutting clamp

Designed for mitre cutting and for cramping the mitred joint in position for gluing and nailing.

A mitre box with extra benefits:

- ★ Cast-iron construction incorporating a saw protection pad – long life. Safety in use.
- ★ Precision milled saw guides – prevents saw wobble, ensures accurate mitre cutting.
- ★ Workpiece clamps – two clamps that hold the work flat and secure up against the fence – assuring accurate cuts every time.
- ★ Screw location holes in casting – can be secured to workbench permanently if required.

Can be used on mouldings up to 2″ × 1¾″ (51 mm × 45 mm) in section.

Cat. No.	Size in.	mm	Unit of pack
MR6807	6¼ × 6¼	160 × 160	1

Dowelling jig

An extremely versatile dowelling jig, enabling dowel holes to be drilled accurately and with a minimum of marking out.

Case-hardened bushes are held in carriers that move along guide rods. Each carrier has adjustable double fences (top and bottom), that, once set, allow the jig to be inverted for accurate drilling of the opposite set of holes.

Supplied with a complete set of drill bushes for dowel sizes 1/4", 5/16", 3/8", 6 mm, 8 mm and 10 mm and slide rods with 6"/150 mm capacity.

Rods of 12"/300 mm and 18"/460 mm are available as optional extras.

Cat. No.	Unit of pack
M148	1

Line pins

Best forged-steel bricklayer's line pins supplied with 30 feet of line. Ready for immediate use.

Cat. No.	Length in.	mm	Unit of pack
M4334*	6⅜	162	6 pairs

Wrecking bars

Designed for removing nails from wood quickly and easily. Particularly suitable for opening packing cases and dismantling wooden crates.
Forged from octagonal carbon steel.

Cat. No.	Size in.	mm	Unit of pack
M4355/18*	18 × 5/8	460 × 16	1
M4355/24*	24 × 3/4	610 × 19	1

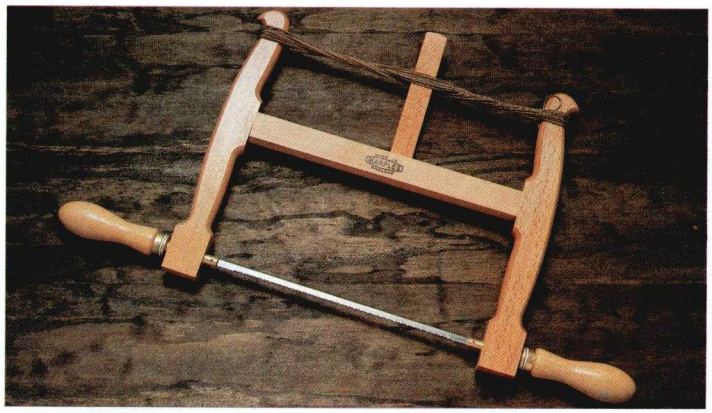
Bow saw

For sawing along a curved profile.

Beechwood frame through which variable tension can be applied through twisting the twine.

Handles rotate through 360° allowing the frame to clear the workpiece or bench when sawing deep or complicated curved shapes.

Cat. No.	Description	Size in.	mm	Unit of pack
M2400	Bow saw	23¼	590	3
M2410	Spare blades	12	300	3



*subject to the Gilbow discount structure.

M423
M170
M1838
MARPLES

Cabinet screwdrivers

A range of traditional pattern screwdrivers preferred by many craftsmen.

The oval-shaped handles, of polished boxwood, with their bulbous ends are designed for maximum comfort and positive grip. The benefit is increased torque.

Blades are forged chrome-vanadium steel, with flared tips specifically designed for use with wood screws. A flattened section below the handle accommodates a wrench if added torque is required.

Cat. No.	Blade length in.	mm	Blade Tip width in.	mm	Unit of pack
M1968/3	3	75	7/32	6	6
M1968/4	4	100	9/32	7	6
M1968/5	5	125	5/16	8	6
M1968/6	6	150	11/32	9	6
M1968/8	8	200	13/32	10	6
M1968/10	10	250	15/32	12	4

Bradawl

For starting screw holes to prevent splitting the wood.

The square section of the Marples bradawl, drawn down to a fine point, allows quicker penetration with a twisting action and easier withdrawal than a cylindrical blade.

Cat. No.	Blade length in.	mm	Unit of pack
M1838/C12	1 3/8	34	12

Pushpin

The easy way to drive panel pins into hardboard or plywood simply and quickly without bending them.

The pin is held in place in the barrel by a magnetic plunger. A firm push drives the pin home and the spring action leaves the tool ready for reloading. Handle Manufactured from impact-resistant polypropylene, body and barrel from brass.

Cat. No.	Gauge	Length in.	mm	Unit of pack
M170	16	1 1/4	32	1

Hand drill

A quality drill made with an unbreakable malleable iron frame. Double pinions and a ball thrust bearing give a smooth positive action.

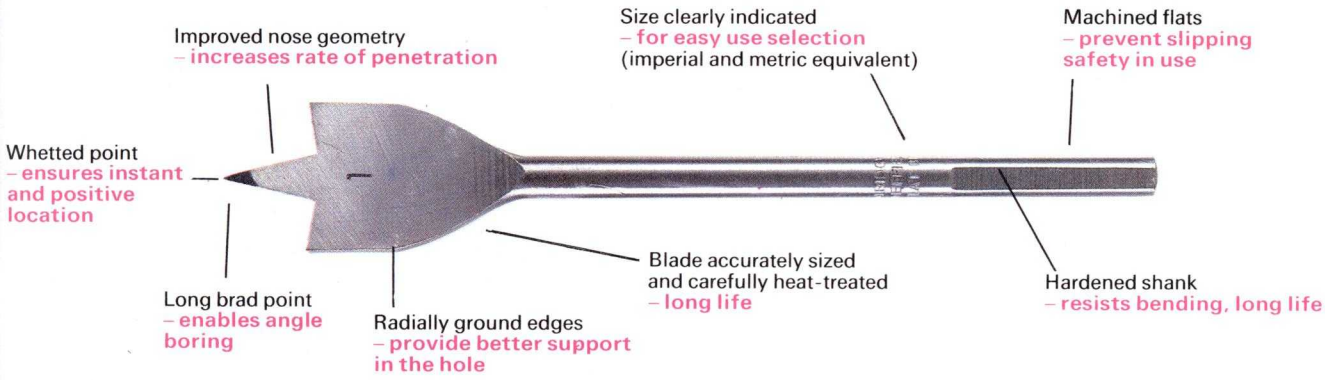
Improved design to gear wheel and now fitted with a Jacob's chuck for improved performance.

Cat. No.	Length in.	mm	Chuck capacity in.	mm	Unit of pack
M423	13 1/4	335	5/16	8	1

MARPLES RIDGWAY
MARPLES RIDGWAY
MARPLES RIDGWAY

Introduction

The flatbit is today's most versatile bit for use with an electric drill. A minimum speed of 1,000 r.p.m. is recommended – all sizes work efficiently at 2,500 r.p.m. Bores quickly, cleanly and safely in all types of timber – hardwood, softwood, cross grain, end grain and many other materials such as plastics.



Ridgway flatbits – R355

NEW

The Ridgway flatbit has been completely redesigned to offer improved cutting performance and a longer life to outcut and outlast its competitors.
This bright finish flatbit is precision ground on all surfaces and offered in a wide range of sizes.
Designed for the professional and the discerning user.

Marples Ridgway woodbit MRWB

NEW

Benefiting from the same advanced design as the R355, this chemically blacked woodbit is offered in a range of popular sizes only, at economy prices. Designed for the home handyman.

Cat No.	¼ 6	5/16 8	⅜ 10	7/16 11	½ 13	9/16 14	⅝ 16	11/16 17	¾ 19	13/16 21	⅞ 22	15/16 24	1 25	1⅛ 29	1¼ 32	1⅜ 35	1½" 38 mm	Unit of pack
R355	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	6
MRWB	■		■		■		■		■		■		■		■			6
R355/W6 Set of 6			■		■		■		■		■		■					1
MRWBS6 Set of 6			■		■		■		■		■		■					1

Extension shank

NEW

Redesigned to accommodate R355 (9/32" shanks) and MRWB (5/16" shanks). Not suitable for ¼" (6 mm) or 5/16" (8 mm) flatbits.

Ideal for reaching awkward, long-distance jobs – adds an effective 10" (250 mm) to length of flatbit. Extension shanks can be safely coupled together where even greater length is required. When used with ⅝" or larger flatbits, deep hole boring can be achieved.

Chemically black rustless finish. Complete with Allen key.

Cat. No.	Length	Unit of pack
R537	11¾" (300 mm)	6

Countersinks and Screwdriver Bit

Carbon steel rose countersinks

Made from high grade carbon tool steel the R851 and MR854 are suitable for a wide range of jobbing work.

The special design in the MR854 enables it to be used in an electric drill or a hand brace.

Cat. No.	Head diameter in.	Head diameter mm	Overall length in.	Overall length mm	Shank diameter in.	Shank diameter mm	Included angle	Unit of pack
R851	½	13	1 9/16	39	¼	6	90°	6
MR854	½	13	2	50	3/16	5	90°	6

High speed steel rose countersinks

Made from high speed steel, the R852 and R853 are recommended for production work of an exacting nature – particularly on mild steel and annealed carbon steels, etc. They also have a much longer life on non-ferrous metals than carbon steel countersinks.

Cat. No.	Head diameter in.	Head diameter mm	Overall length in.	Overall length mm	Shank diameter in.	Shank diameter mm	Included angle	Unit of pack
R852	½	13	1 9/16	39	¼	6	90°	6
R853	3/8	10	2	50	3/16	5	90°	6
	½	13	2	50	3/16	5	90°	6
	5/8	16	2	50	¼	6	90°	6

Double-ended screwdriver bit

Made from high grade carbon tool steel, specially heat-treated for toughness. For use in carpenter's brace.

Reversible sizes.

Cat. No.	Blade sizes in.	Blade sizes mm	Overall length in.	Overall length mm	Unit of pack
R296	¼ × 3/8	6 × 10	4¾	121	12

Marples Ridgway

Centre and Expansive Bits

Centre bits

Square tanged for use in a carpenter's brace. Used for fast clean cutting of shallow holes.

Overall length 4½ to 5½" according to diameter.

Cat. No.	Sizes: in. (mm)			Unit of pack
MR1066	⅜(10), ¾(19), 1⅛(29),	½(13), ⅞(22), 1¼(32),	⅝(16), 1(25), 1½(38)	6

'Firmgrip' expansive bit

The 'Firmgrip' is our patented development of the original expansive bit. Adjustable cutters cannot slip during use and are firmly held in a serrated dovetail arrangement.

Packing piece is spring-loaded for easy adjustment of cutting diameter – the 1/16" graduations can be quickly set to the datum line on the packing piece. Available in two basic sizes and supplied with two cutters in a wooden container.

Cat. No.	Sizes range in.	mm	Cutters supplied	Unit of pack
R1915SW	½–1½	13–38	1 and 2	1
R1915LW	⅞–3	22–76	3 and 4	1

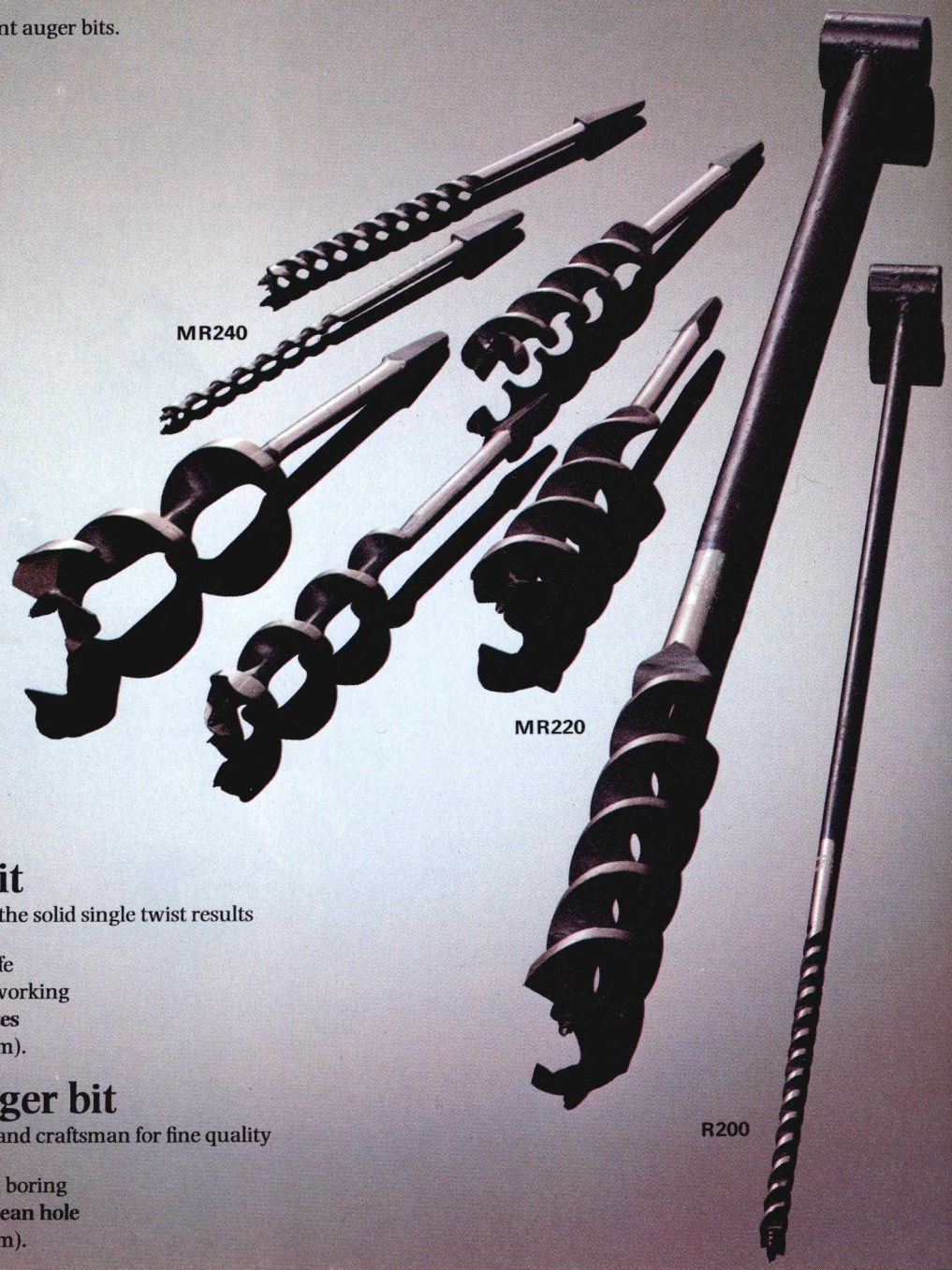
Spare cutters

Cat. No.	Size range in.	mm	Unit of pack
1	½–⅞	13–22	1
2	⅞–1½	22–38	1
3	⅞–1¾	22–44	1
4	1¾–3	44–76	1

Auger Bits

An extensive range of high quality tools designed for deep hole boring in wood. Used in conjunction with a carpenter's brace.

Ridgway offer a range of two different auger bits.



Solid centre auger bit

The general purpose boring bit because the solid single twist results in:

- ★ **High overall strength** – for a long life
- ★ **Good chip clearance** – for efficient working
- ★ **Dual marked in inch and metric sizes**
- ★ Overall length 8–10″ (200–250 mm).

Jennings pattern auger bit

The choice of the cabinet maker, joiner and craftsman for fine quality work because double twist gives:

- ★ **Accurate initial support** – precision boring
- ★ **Spurs and cutters produce a very clean hole**
- ★ Overall length 8–10″ (200–250 mm).

Type	Range Cat. No.	1/4 6	5/16 8	3/8 10	1/2 12	9/16 14	5/8 16	3/4 18	13/16 20	7/8 22	1 25	1 1/8 30	1 1/4 32	1 3/8 35	1 1/2 38	Unit of Pack
Solid centre	MR220	■	■	■	■	■	■	■	■	■	■	■	■	■	■	6
Jennings	MR240	■	■	■	■		■	■		■	■		■			6

Scotch screw eyed augers

Suitable for the most arduous wood boring tasks where power is not available.

Screw eye end forming to accommodate 'T' bar. Overall length according to diameter, e.g. 5/8″ is 24″ long. Black rustproof finish.

Type	Range Cat. No.	3/8 10	1/2 12	9/16 14	5/8 16	3/4 18	7/8 22	1 25	Unit of Pack
Screw eyed	R200	■	■	■	■	■	■	■	6

Gilbow

Engineers Chisels

Gilbow chisels are individually forged from chrome-alloy steel which can be relied upon to provide efficient and long-lasting service.

The cutting edge is accurately forged and precisely heat-treated to ensure that each chisel will provide optimum cutting efficiency and yet withstand the shock to which it is subjected.

It is this combination of factors which produces a consistently high quality cutting tool and why the brand Gilbow is world famous for alloy-steel chisels.

Flat chisels

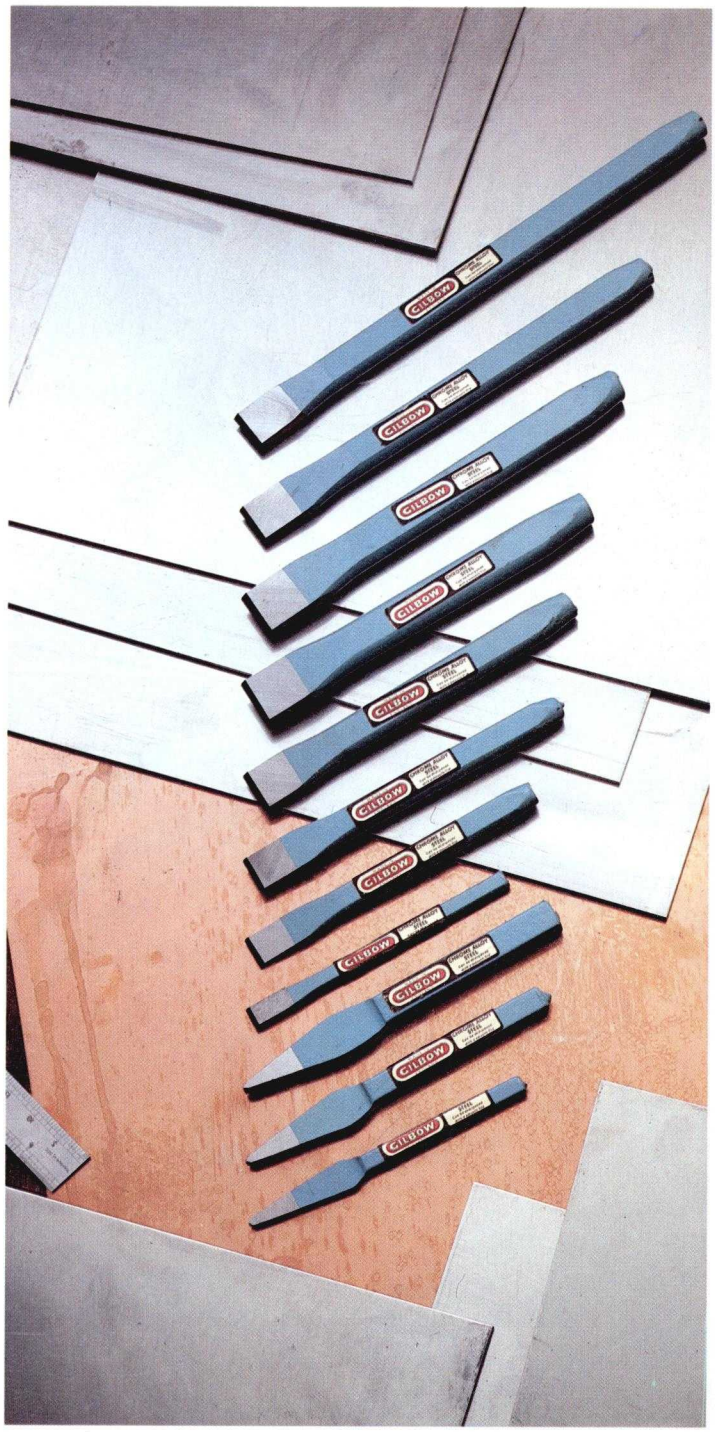
The oval section shank provides a positive and comfortable hand grip and also prevents the chisel from rolling.
The forged head minimizes the effect of 'mushrooming'.

Cat. No.	Size						Unit of pack
	Length		Shank width		Blade width		
	in.	mm	in.	mm	in.	mm	
G33A	5¾	145	⅜	10	7/16	11	12
G33B	6½	165	⅝	16	⅝	16	12
G33C	7	175	⅝	16	¾	19	12
G33D	7½	190	¾	19	⅞	22	12
G33E	10	250	¾	19	⅞	22	12
G33F	12	300	¾	19	⅞	22	12
G33G	8	200	¾	19	1	25	12
G33H	9	225	¾	19	1	25	12
G33I	10	250	¾	19	1	25	12
G33J	12	300	¾	19	1	25	12

Crosscut chisels

Specially designed for heavy cuts on metal in a restricted working area. The canted square-section shank is comfortable to hold and will not roll.

Cat. No.	Size						Unit of pack
	Length		Shank width		Blade width		
	in.	mm	in.	mm	in.	mm	
G34A	6	150	⅜	10	⅛	3	12
G34B	6½	165	½	13	¼	6	12
G34C	7	175	⅝	16	⅜	10	12



G67
G69
G950
G246
G56
G056
G245
G245S
G19
G18
G17
GILBOW

Introduction

Fifty years of manufacturing experience has led to the brand Gilbow being synonymous with snips and shears of consistent high quality. Bahco Record aims to preserve the world-wide reputation that the Gilbow brand enjoys by continuing to manufacture products which offer exceptional value for money and complete customer satisfaction.

Qualities of standard range Gilbow snips and shears:

Open joint design
Enables blade resharpening without dismantling the tool. Saves time.

No nip feature
Prevents the handle end nipping the hand of the user. Safety and confidence in use.

Jaws cross slightly over one another
Ensures positive contact at the point of cut – accuracy in use.

Quality inspection after every stage of manufacture
Guarantees top quality – and builds customer confidence and satisfaction.

7 different models
Each for a specific application. A snip or shear to suit all your customers' sheet-metal cutting requirements.

General purpose snips

Intended primarily for general purpose, straight cutting of sheet metal. Available in four sizes, with or without spring divided handles, the latter having the addition of a leaf spring to facilitate re-opening the handles after each cutting stroke, and a retaining strap to keep them closed when not in use.

Cat. No.	Type	Length in.	mm	Unit of pack
G245/8	Standard	8	200	6
G245/10	Standard	10	250	6
G245/12	Standard	12	300	6
G245/14	Standard	14	350	6
G245S/8	Spring divided handles	8	200	6
G245S/10	Spring divided handles	10	250	6
G245S/12	Spring divided handles	12	300	6
G245S/14	Spring divided handles	14	350	6

Curved blade snips

Designed for general purpose off-straight cutting (clockwise) of sheet metal; particularly where the radius or angle to be cut is smaller than can be cut satisfactorily with either the G245 pattern or Gilbow universal type shears.

Cat. No.	Length in.	mm	Unit of pack
G246/8	8	200	6
G246/10	10	250	6
G246/12	12	300	6

Medium-duty straight handled shears

A medium-duty multi-purpose shear which, being straight bladed, is suitable for both straight and off-straight cutting.

Cat. No.	Length in.	mm	Unit of pack
G950	12	300	1

Heavy-duty cranked handled shears

Two types of heavy-duty shear suitable for straight cutting of sheet metal and, being cranked, can also be used for off cutting.

G69 and G691 are right-hand cranked and ideal for off cutting in an anticlockwise direction.

G67 is left-hand cranked and ideal for off cutting in a clockwise direction.

Cat. No.	Description	Length in.	mm	Unit of pack
G69	Right-hand cranked	11	275	3
G691	Right-hand cranked	14	350	1
G67	Left-hand cranked	11	275	1

Jeweller's snips

Two patterns of short-bladed light-duty snip, especially designed for use on precious metals by silversmiths, goldsmiths, jewellers, etc. The G56 model is intended primarily for straight cutting and the G056 model is designed for off-straight cutting.

Cat. No.	Description	Length in.	mm	Unit of pack
G56	Straight bladed	7	175	6
G056	Curved bladed	7	175	12

Compound action snips

The most recent additions to the Gilbow range.

Double fulcrum design gives greater mechanical advantage than normal snips with three models for straight and off-straight cutting of sheet metal. The off-straight types give facility for movement of the waste to the left or the right, particularly important where cutting is taking place on sheets *in situ* or in situations where the movement of the metal could obscure the cutting lines on the job.

The jaw shape gives a downward and away from the lower jaw movement of the waste metal.

Forged serrated jaws. Durable. Will not slip in use. Additional comfort in use is provided by the soft vinyl handle grips.

Cat. No.	Description	Length in.	mm	Unit of pack
G17	Right cut. Used in clockwise direction, waste moves to left	10	250	3
G18	Straight cut	10	250	3
G19	Left cut. Used in anticlockwise direction, waste moves to right	10	250	3

BAHCO AND LINDSTROM
PRODUCTS ARE NOT AVAILABLE
FOR SALE OUTSIDE THE
UK AND EIRE FROM
BAHCO RECORD TOOLS
24" BAHCO 86
BAHCO 0674-375 MADE IN SWEDEN
30" BAHCO 87 MADE IN SWEDEN
10" BAHCO 0672 MADE IN SWEDEN
BAHCO 0674-300 MADE IN SWEDEN

Bahco

Adjustable Wrenches

BAHCO AND LINDSTROM PRODUCTS ARE NOT AVAILABLE FOR SALE OUTSIDE THE UK AND EIRE FROM BAHCO RECORD TOOLS*

One of the world's most popular tools is a Bahco invention

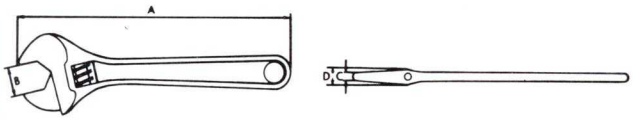
The adjustable wrench is one of the most essential items in every tool kit. But it must be well made in order to grip different sizes of nuts and bolts firmly and without risk of slipping.

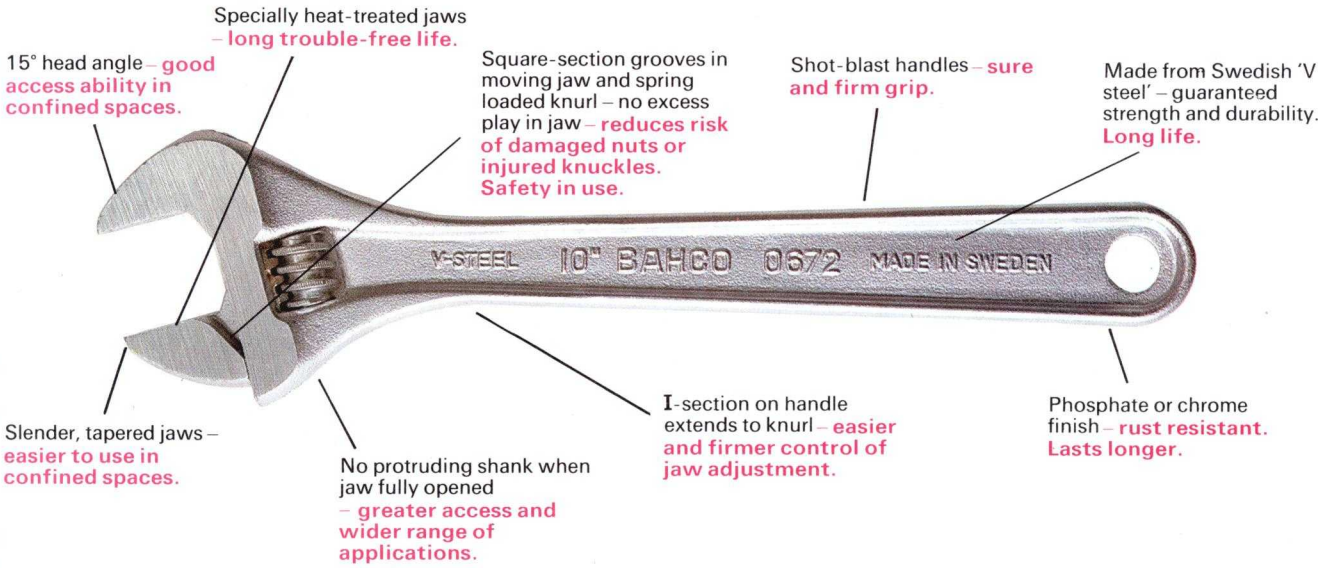
At Bahco we know how to make the adjustable wrench better than anyone else – we should, we invented it.

Product development has kept Bahco a step ahead and today, as in 1892, the rest of the world is still trying to catch up.

Qualities of a Bahco adjustable wrench

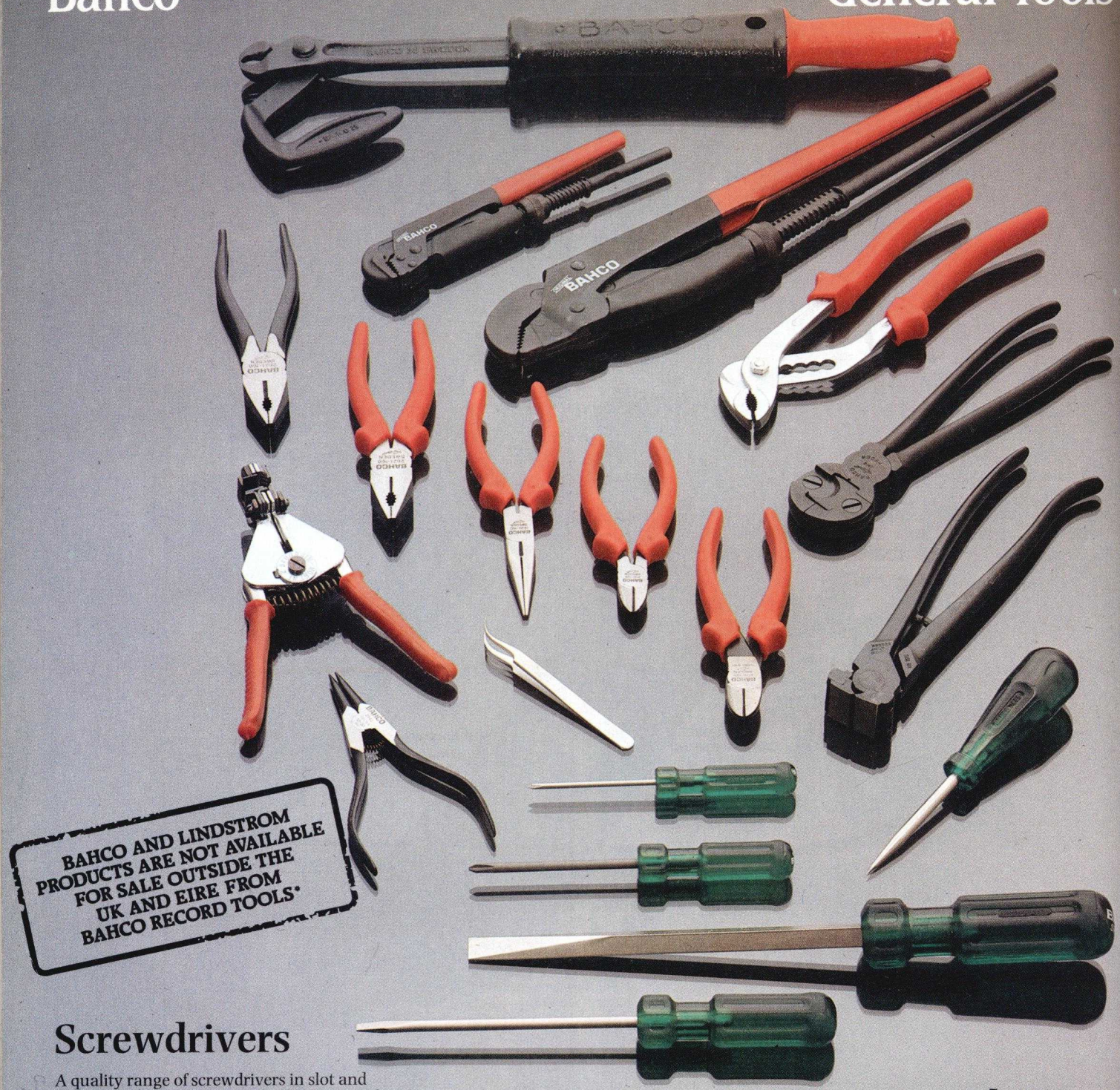
- ★ **Fully inspected throughout manufacture** – consistent reliability and user confidence.
- ★ **Stronger than ISO specifications** – withstands high torque loads. Long life, suitable for the more difficult jobs.
- ★ **Range of 11 sizes from 4¼″–30″ (110–770 mm)** – the right size for every job.
- ★ **Spares readily available** – economically extends the life of the tool.




Specially heat-treated jaws – long trouble-free life.
15° head angle – good access ability in confined spaces.
Square-section grooves in moving jaw and spring loaded knurl – no excess play in jaw – reduces risk of damaged nuts or injured knuckles. Safety in use.
Shot-blast handles – sure and firm grip.
Made from Swedish 'V steel' – guaranteed strength and durability. Long life.
V-STEEL 10" BAHCO 0672 MADE IN SWEDEN
Slender, tapered jaws – easier to use in confined spaces.
No protruding shank when jaw fully opened – greater access and wider range of applications.
I-section on handle extends to knurl – easier and firmer control of jaw adjustment.
Phosphate or chrome finish – rust resistant. Lasts longer.

Cat. No.	Cat. No.	A mm	A in.	B mm	C mm	D mm	Unit of pack
Phosphated	**Chrome-plated**						
0669	0669 C	110	4¼	13	4	8.5	10
0670	0670 C	155	6	19	5	10.5	10
0671	0671 C	205	8	27	6	12.5	10
0672	0672 C	255	10	30	9	15.5	5
0673	0673 C	305	12	33	14	18	5
0674	0674 C	380	15	42	19	20	3
0675	0675 C	455	18	52	21.5	22.5	3
10		155	6	19	4.9	11	10
31		205	8	30	5.5	13.5	10
86		615	24	63	27.5	29	1
87		770	30	85	31	33	1

*Details of local agents can be obtained on request



BAHCO AND LINDSTROM PRODUCTS ARE NOT AVAILABLE FOR SALE OUTSIDE THE UK AND EIRE FROM BAHCO RECORD TOOLS*

Screwdrivers

A quality range of screwdrivers in slot and cross head screw patterns, designed to satisfy the highest standards of precision and reliability.

- ★ Impact resistant, fluted handles – long life. Superb grip even with greasy hands.
- ★ Blade securely mounted in handle – prevents twisting of handle. Long life.
- ★ Hardened and tempered alloy steel blades – maximum strength. Long life.
- ★ Nickel plated and chemically blacked blades – rust resistant. Long life.
- ★ Available in a wide range of types and sizes – a screwdriver available to suit every user requirement.
- ★ All Bahco screwdrivers far exceed ISO torque requirements – exceptionally high standard. Confidence in use.

Gripping cutting and other pliers

A comprehensive range of specialist and multifunctioning pliers consisting of combination and long nose pliers; side cutting and end cutting nippers; slip joint, circlip pliers and wire strippers. Common to the entire range is the uniformly high quality achieved by meticulous choice of materials, advanced heat treatment methods, high precision machinery and stringent quality control throughout the entire manufacturing process.

Pipe wrenches

Like the well known adjustable wrench, the two handle pipe wrench was invented by the founder of Bahco. Its special design results in the pivot bolt carrying no load – the gripping force being applied directly to the lower jaw. The pivot is therefore spared resulting in exceptionally long tool life. Bahco pipe wrenches are available in two patterns: universal pipe wrenches and corner pipe wrenches.

Specialist tools

A range of specialist tools consisting of cable cutters, nail pullers, tweezers, awls and reamers

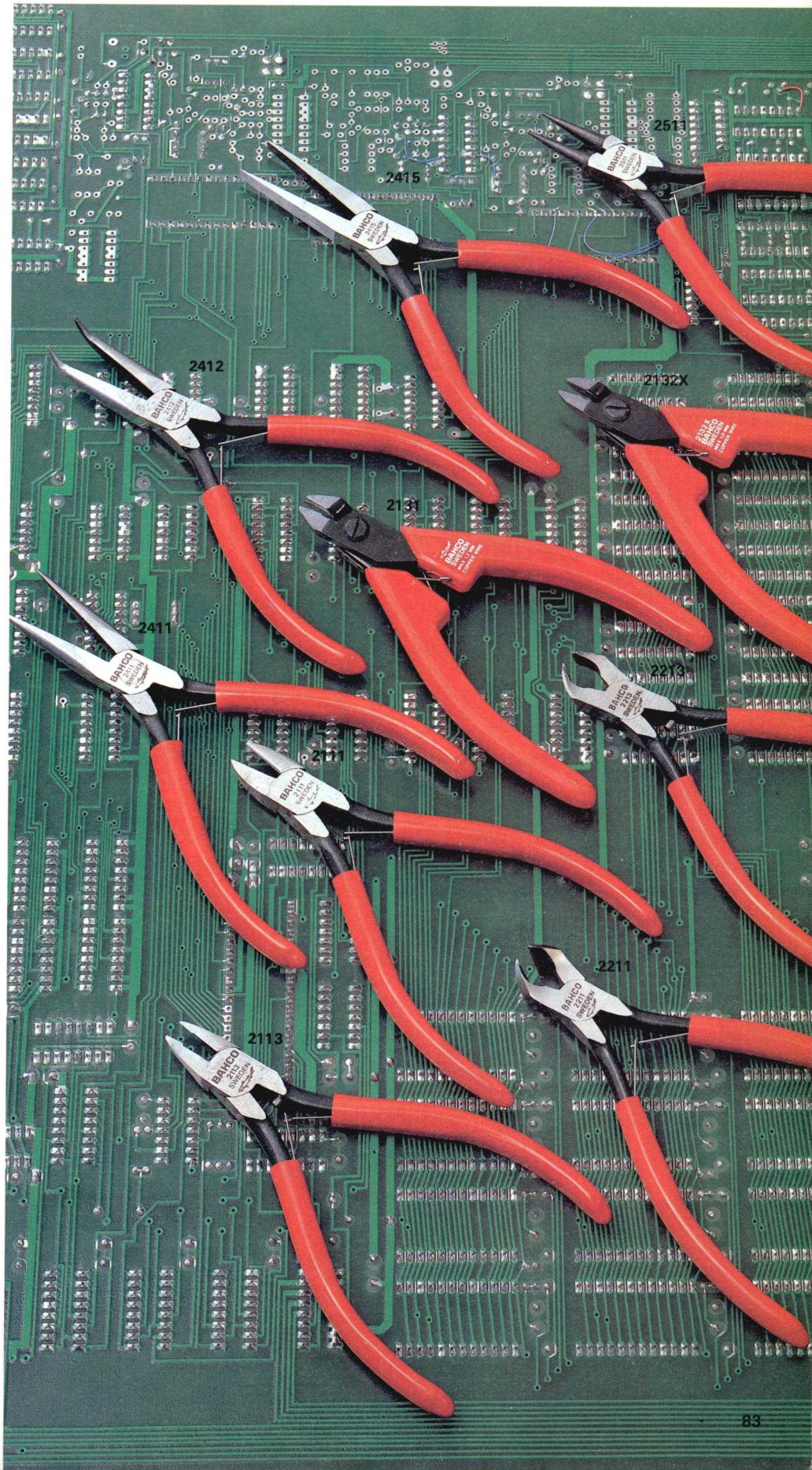
*Details of local agents can be obtained on request

Bahco

BAHCO AND LINDSTROM PRODUCTS ARE NOT AVAILABLE FOR SALE OUTSIDE THE UK AND EIRE FROM BAHCO RECORD TOOLS*

Electronic Pliers

Bahco electronic pliers are special tools designed for precision work in the electronics and telecommunications industries and for repair work. Every model has been developed and tested in co-operation with leading international companies in the field. Every pair of Bahco electronic pliers is individually adjusted, inspected and tested before leaving the factory. Careful choice of materials, modern manufacturing methods, accurate heat-treatment and meticulous inspection all help to ensure the high quality of electronic pliers.



Bahco electronic pliers

- ★ are of single-joint design – making them light, smooth and precise in action even after a lengthy period of use
- ★ cutting edges are hand honed – cut decisively up to ⅔ of the edge from the tip. Value for money, confidence in use
- ★ are fitted with a return spring – for faster operation
- ★ are fitted with sleeves of plastic – which are comfortable to hold and provide a firm grip
- ★ types 2131 and 2132 have a cut wire retention device as standard – saves time and money.

Cutting pliers

The range consists of nine models. Three main types: side cutters, diagonal cutters and end cutters.

Gripping pliers

The gripping pliers have completely smooth gripping surfaces. The sides are slightly rouned to avoid damaging the workpiece. The range consists of four models: long nose, flat nose, round nose and long nose offset.

*Details of local agents can be obtained on request

BAHCO AND LINDSTROM PRODUCTS ARE NOT AVAILABLE FOR SALE OUTSIDE THE UK AND EIRE FROM BAHCO RECORD TOOLS
Compact series pattern
80 series pattern
Supreme 'Anti static' series pattern
Supreme series pattern
Micro series pattern

Lindstrom

BAHCO AND LINDSTROM PRODUCTS ARE NOT AVAILABLE FOR SALE OUTSIDE THE UK AND EIRE FROM BAHCO RECORD TOOLS*

GUARANTEE

Electronic and Standard Range Pliers

Electronic pliers

The aim of Lindstrom has, and always will be to provide the industrial and professional user with practical and reliable pliers made to the highest standards of quality.

Continuous development work and the observance of new demands presented by modern technological progress has led to the development of a range of four different patterns of Lindstrom pliers and cutters. A range that offers the choice of style and price to fulfil the needs of all users.

Micro series *A range of pliers, especially designed for the micro technics*

The joint surfaces of micro pliers are long, to provide better guidance and support for the jaws.
The jaws are precision ground which provides closer limits and more even quality.

At the transition between the internal surface of the jaws and the joint, a ground fillet is provided for extra strength. Great attention has been paid to the ends of the jaws. Nippers will cut, against a flat surface, the thinnest copper wire within the specified range of sizes. Gripping pliers have slightly rounded edges and noses but even so, will grip 0.2 mm (0.008″) ∅ wire against a flat surface.
An important feature of all micro pliers is the special screw assembly which allows extra fine jaw adjustments to be made.

Supreme series *Precision pliers for electronics and fine mechanics*

The largest and most popular range of Lindstrom electronic pliers. The pliers of the Supreme range have a box-joint with extra long contact surfaces which give flexibility, high precision and stability to the function of the joint. This makes the pliers particularly suitable for operations where exact precision is required even at the extreme tip of the jaws. It can also be proved that a box-jointed tool can be made with a narrower joint and smaller rivet diameter than a lap-jointed tool of the same strength.

As well as the standard range of Supreme pliers and nippers, a new range, fitted with anti static resisting handles is now available, particularly useful when working on static sensitive components.

Compact series *All-round pliers for electronics and fine mechanics*

The Compact range of pliers and nippers are forged from a high-quality steel giving good cutting qualities and long durability.

The tools have a robust lap joint and a design which makes them specially suitable for electronics and precision mechanics work. The extra fine tolerance of hardness in shanks, joint and cutting edges are indispensable requirements for attaining the very high quality that the Compact range represents.

80 series diagonal cutting nippers

The most advanced precision pliers for electronics and telecommunication industries

A unique range of diagonal cutters designed to deal with special cutting requirements such as iron and hard steel wires, kavlar yarn as used in insulation of fibre optics, nylon ties and cords.

Lindstrom 80 series nippers are machined to precise tolerances and we guarantee the accuracy of the angles, radius and the total contact between the cutting edges of our nippers. An important feature of all 80 series pliers is the special screw assembly which allows extra fine jaw adjustment to be made.

*Details of local agents can be obtained on request

Lindstrom electronic pliers

- ★ are fully guaranteed against defects in material and workmanship for the full life of the tool – confidence in use
- ★ are fitted with return springs – for faster operation
- ★ springs are easily interchangeable – to economically extend the life of the product
- ★ are fitted with sleeves of moulded plastic – which are comfortable in use and provide a firm grip
- ★ are marked on the inside of the handles with the product catalogue number and cutting capacity – for ease of selection (Micro, Supreme and 80 series only)

Standard range pliers

Linstrom offer a comprehensive range of standard pliers consisting of combination, snipe nose and flat nose pliers; diagonal, end and centre cutting nippers; pincers and stripping pliers.

Bahco Record Spare Parts

After sales support is a vital part of a manufacturer's service to its customers.

Carried out properly, it enhances the reputation of a company, carried out poorly, it quickly generates bad feeling.

At Bahco Record we are proud of our after sales service, of which spare parts is a vital component.

We hold in Sheffield over 800 of the most frequently purchased spare parts – held in stock to give you and your customer exceptionally fast service when you need it the most.

Listed below are the range of products for which we stock spare parts.

For the complete comprehensive listing, please refer to the current Bahco Record Price List.

Record

- Bolt Cutters
- Cramps
  - Cramp Heads
  - Deep Throat
  - Flooring
  - 'G' Cramps
  - Sash
  - 'T' Bar
- Dowelling Jig
- Hand Drill
- Pipe Cutters
  - 3 Wheel
  - Link
  - Roller
- Pipe Vices
  - Chain
  - Hinged
- Pipe Wrenches
  - Chain
  - Leader
  - Stillsons
- Planes
  - Bench
  - Block
  - Circular
  - Plough
  - Rebate
  - Shoulder
- Tube Benders
  - Bench
  - Handibender
  - Portable
- Spokeshaves
- Vices
  - Drill Press
  - Engineers
  - Fitters
  - Mechanics
  - Multi-purpose
  - Swivel Bases
  - Woodworkers

Bahco

- Adjustable Wrenches
- Cable Cutters
- End Cutters
- Flexible Handles
- Pipe Wrenches
- Side Cutting Nippers

Bahco Record Display System

Display Packaging

There's an old retailing adage 'it pays to display'.

We certainly believe it, and to help *you* increase your sales of Bahco Record Tools we have visually packed all of our top sellers.

A comprehensive range of over 450 products for the professional and handyman that boast not just pretty packs, but packaging that communicates, informs and most importantly *sells*.

Display Aids

At the time of going to press, we are in the process of developing and re-designing the entire Bahco Record merchandising and point-of-sale system. For this reason specific description is not possible.

However, you can be sure that in the future as in the past, the quality of Bahco Record products will be reflected in the quality and style of our display aids.

Record/Record Marples

Product	Cat. No.	Type of Pack
Drill Press	412	Box
Edging Clamp	C129	Box
Bench Holdfast	M146	Box
Cramp Heads	M130	Box
Handiwrench	240	Box
Handibender	218M	Box
Bench Plane	04	Box
Bench Plane	05	Box
Bench Plane	04C	Box
Bench Plane	05C	Box
Rebate Plane	778	Box
Plough Plane	045C	Box
Block Plane	09½	Box
Block Plane	060½	Box
Block Plane	0110	Box
Block Plane	0220	Box

Ridgway/Marples Ridgway

Product	Cat. No.	Type of Pack
Flatbits	Entire Range	Wallet
Flatbit Set	M355/W6	Wallet
Extension Shank	R357	Card
Countersink	R851	Wallet
Countersink	R852	Wallet
Countersink	MR854	Wallet
Screwdriver Bit	R296	Card
Centre Bits	MR1066 ¼–1¼"	Card
Solid Centre Auger Bits	MR220 ¼–1"	Wallet
Jennings Pattern Auger Bits	MR240 ¼–1"	Wallet
Router Bits	Entire Range	Wallet

Marples/Marples Ridgway

Product	Cat. No.	Type or Pack
Bevel Edge Wood Chisels	Entire Range	Wallet
Firmer Wood Chisels	Entire Range	Wallet
Wood Chisel Sets	Entire Range	Wallet
Edge Guards	M380/C72	Box
Woodcarving Tool Sets	Entire Range	Box
Wood Sculpturing Tool Sets	M260	Box
Slipstone	–	Wallet
Wood Turning Tools Sets	Entire Range	Box
Marking Gauge	MR2049	Card
Marking Gauge	M2050	Card
Cutting Gauge	M2083	Card
Mortice & Marking Gauge	M2153	Card
Mortice & Marking Gauge	M2154	Card
Trysquare	M2200/6/9/12	Card
Trysquare	MR2208/6/9	Card
Mitre Square	MR2210	Card
Multi Purpose Square	M2222	Card
Sliding Bevel	M2226	Card
Mitre Cutting Cramp	MR6807	Box
Dowelling Jig	M148	Box
Line Pins	M4334	Card
Screwdriver	M1968/3/4/5/6/8/10	Card
Bradawl	M1838	Card
Bradawl	M1838/C12	Box
Push Pin	M170	Card
Handsaw	MRT26 × 6	Wallet
Handsaw	MRT22 × 10	Wallet
Handsaw	MR24 × 7	Wallet
Handsaw	MR20 × 10	Wallet
Tenon	MRT12 × 15	Wallet
Tenon	MRT10 × 15	Wallet
Tenon	MR10 × 13	Wallet
Tenon	MR8 × 20	Wallet
Woodbit	Entire Range	Wallet
Woodbit Set	MRWB/S6	Wallet

Gilbow

Product	Cat. No.	Type of Range
Snips		
Compound Action	G17	Card
Compound Action	G18	Card
Compound Action	G19	Card
General Purpose	G245/8"/10"/12"	Wallet
Jeweller's Pattern	G56	Wallet
Jeweller's Pattern	G056	Wallet
Shears		
Heavy Duty	G69	Wallet

Bahco

Product	Cat. No.	Type of Pack
Adjustable Wrench	0669	Card
Adjustable Wrench	0670	Card
Adjustable Wrench	0671	Card
Adjustable Wrench	0672	Card
Adjustable Wrench	0673	Card
Adjustable Wrench	0674	Card
Adjustable Wrench	0675	Card
Adjustable Wrench	10	Card
Adjustable Wrench	31	Card
Adjustable Wrench	0669C	Card
Adjustable Wrench	0670C	Card
Adjustable Wrench	0671C	Card
Adjustable Wrench	0672C	Card
Adjustable Wrench	0673C	Card
Adjustable Wrench	0674C	Card
Adjustable Wrench	0675C	Card
Screwdriver Set	610/S4	Wallet
Pliers, Nippers, Pincers	Entire Range	Card
Cable Cutter	2918	Card
Secateurs	5401	Card
Electronic Pliers	Entire Range	Card

Lindström

With the exception of the 80 Series Electronic Pliers, all Lindstrom products are visually packed.

Bahco Record Product Range Deletions

This section of the catalogue is intended to represent more than just a product deletion listing but to explain the strategy behind the decisions taken.

Some of the deleted products listed below will continue to be available due to existing levels of stock. Upon stock exhaustion alternative products, where appropriate, should be ordered. Please refer to the price list for further details.

Product group	Deleted product Cat. No.	Alternative product Cat. No.	Explanation
Vices	0	1	
	2	1,3	
	7	6, 8	Very low demand
	24	25	
	30	3, 84–34	Mechanics vices (3, 5, 6) will satisfy a plain screw requirement. Offer an Engineers Vice (34, 36) if an unbreakable vice is required.
	31	5, 84–34	
	32	5, 84–34	
	33	6, 36	
	35	84–34, 36	
	60	V75	Replaced by new product.
	70	V75	
	80	V75	
	74	75	
	110	84–34	Heavy duty vice at lower price than No. 110
	111		Very low demand
	112P	112	
	114P	114	
	165/16		
	165/18		
	516		
	518		
	632		
	634		
	412	413	Consequence of above vice deletions
	0SB		
	2SB		
	34SB		
	35SB		
	36SB		
	634SB		
	50	V149	New 6" woodcraft vice
	51	V150	New 6" woodcraft vice
	57	V175	New 7" woodcraft vice
	52E	52ED	52ED has front dog.
	52½E	52½ED	52½ED has front dog.
	52P	52ED, 53P, V150	Low demand
	52½P	52½ED, 53P, V175	
Cramps	119/4	120/4	Product duplication
	120/2	119–120/2	Product duplication
	120/3	119–120/3	Product duplication
	120/5	120/6	
	123/4	120/4 or 121/4	Very low demand
	123/6	120/6 or 121/6	
	123/8	120/8 or 121/8	
	127		
	142/8	131/1	Replaced by new Speed cramp range.
	142/12		
	142/18		
	144/24	131/2	
	144/36	131/4	
	144/48	131/6	
	145	M146	
	C145		Consequence of 145 deletion.
	140	MR6807	New MR6807 combines mitre cutting and corner cramping
	169		Very low demand
Sash and T bar cramps	133/3	135/3	Product duplication
	4	135/4	
	5	135/5	
	6	135/6	
	7	136/7	
	L133/6	L135/4	
	136/3	135/3	
	138/5	136/5	
	138/7	136/7	
	138/9	136/9	
	138/11	136/11	
	L138/8	L136/6	

Product group	Deleted product Cat. No.	Alternative product Cat. No.	Explanation
Bolt cutters	915	BC914	Low demand
Pipe wrenches	300/48	350/36	350/36 has same capacity at lower price.
	350/48		Very low demand
	350/60		
	231		Low demand
	232	233C	No. 233C combines capacity of old No. 232 and 233
	233	233C	
	233½	234C	No. 234C combines capacity of old 233½ and 234
	234	234C	
	235	236C	No. 236C combines capacity of old 235 and 236, and at substantially lower price.
	236	236C	
	533	533½C	No. 533½C has capacity of old 533 but at significantly lower price.
	533½	533½C	
Pipe cutters	200/30	200/30C	New design
	105		
	45 (2-6)	45 (2-12)	Increased capacity capability
	45 (2-8)	45 (2-12)	
	45A		Very low demand
	46T		
	47		
Pipe vices	183C/6	183C/8	
	91½C	92C	
	94½	96	
	98		Very low demand
	99		
	581		
Tube benders	218	FG218M1	Former and guide conversion kits for 218 and 217
		FG218M2	
	217	FG218M3	
		FG218M4	
	220	223	220 and 226 replaced by universal 223 bender suitable for bending all types of tube and pipe
	226	223	
	222	224	New design (as per 223)
Hammers	669		See new range of Record/Marples hammers
	667/3		
Planes	08	07	Very low demand
	Single iron 2⅝"		Consequence of deletion of 08 plane
	Double iron 2⅝"		Consequence of deletion of 08 plane
	0120	0220	Duplication of product features
	0130	0220	Very low demand
	311	073 or 077	Future redesign of rebate planes details to be advised
	044C	045C + CS045A	045C has improved design
	050C	045C + K050C + CS045A + CS045B	The K050C kit converts the new 045C plough plane to the old 050C combination
	405	045C + K050C + spare cutters	Very low demand
	Plane cutters for 0120, 0130 and 311		Consequences of above plane deletions

Product group	Deleted product Cat. No.	Alternative product Cat. No.	Explanation
Chisels and gouges	M373/S6	M373/S5	Sets are priced 5% below sum of component prices.
	M310/S6	M310/S5	Representing improved value for money
	M371 Range	MR222 Range M370 Range M444 Range	Very low demand
	M310 1/8 + 1 1/2 M317 1/8 + 1 1/2 M601/6 mm 8 mm 10 mm 12 mm M601 5/16 7/8 1 1/2	M370 1/8 + 1 1/2 M377 1/8 + 1 1/2 M601/1/4 M601/3/8 M601/1/2	Replaced by bevel edge version. Very low demand
	M733 + M737	M773	New M773 now has superior splitproof handle.
	M537 range M567 range M577 range		Very low demand
Turning tools	M1008	M975 to M979	Now available as individual tools.
	M991 1/2 3/4 1 1 1/4 1 1/2	M974 1/2 3/4 1"	New long handled series. Very low demand
	M992 series M993 3/8 1/2 3/4 1 1 1/2	M970 1/4, 1/2 1/2, 5/8 5/8, 3/4 1	New long handled series.
	M994 M995	M970 Range M970 Range	Very low demand
Gauges	M2053	M2050	New M2050 in danta with brass thumbscrew.
	M2120	M2154	
Marking out tools	M2204 range	M2200 range	Very low demand.
	M2208 6" 9" 12"	MR2208 6" 9" 9"	Redesigned square. Very low demand.
	M2210	MR2210	Redesigned square
	M2226/7 1/2 M2226/10 1/2	M2226/9	Very low demand
Holding and mitreing tools	M6808 + M6809	MR6807	New MR6807 introduced
	M6816	MR6816	New MR6816 introduced
	M6820 No. 1, 2	MR6821 No. 2	New MR6821 introduced
	M6821 No. 1 M4697	MR4697	New MR4697 introduced
Screw-drivers	M1966 range	M1968 range	Better product (with boxwood handle).
Bradawls	M1826P range M1828 range M1838/S + L	M1838/C12	The wooden handled M1838 has superior performance.
Mallets	M7715 range	MR7715/4 1/2	New MR7715/4 1/2 introduced.
Saws	MR + MRT ranges		Very low demand

Product group	Deleted product Cat. No.	Alternative product Cat. No.	Explanation
Miscel-laneous tools	M1880		
	M1160		
	M2400/10" M2410/10" M2421	M2400/12" M2410/12"	Very low demand
	M4355 12" 30" 36"	M4355 18" M4355 24"	
	171	M170	Low demand
Counter-sinks	R280 3/8, 5/8, 1/2	MR854	Very low demand
Centre bits	R1066	MR1066	Direct replacement 'Marples Ridgway' brand
	R1066 1/4, 5/16 1 3/8, 1 3/4, 2, 2 1/8, 2 1/4 R466		Very low demand
Expansive bits	R1914 range	R1915 SW + LW	R1915 has additional features
	R1915 SD + LD	R1915 SW + LW	Very low demand
Augers + Auger bits	R220	MR220	Direct replacement 'Marples Ridgway' brand
	R220 7/16, 11/16, 15/16 R220 metric range	MR220	Very low demand MR220 is now dual marked in metric and imperial sizes
	R240	MR240	Direct replacement 'Marples Ridgway' brand
	R240 7/16, 9/16, 11/16, 13/16, 15/16, 1 1/8, 1 3/8, 1 1/2 R412 R415 R422 R404 R405 R410 R414 R419 R420 R424 R425 R429 R450 R460 R241 range R1130/R230 range R1131/R231 range R609 range		Very low demand
	R294 range	R296 range	R296 is a double ended screwdriver offering better value for money
	R200 1/4, 5/16, 7/16, 11/16, 13/16, 1 1/8 to 3" R219 range MR1065 range		Very low demand
	R1065 9/16, 11/16, 13/16, 15/16, 1 1/8, 1 1/4		
Snips and shears	G246/8 G68 G699	G691	Very low demand
Engineers' chisels	G33K	G33G	Very low demand

Router Bits – see separate Ridgway Tools Catalogue for full range.

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Record MARPLES RIDGWAY

GILBOW LINDSTRÖM BAHCO

Record Ridgway Tools Ltd
Parkway Works
Sheffield S9 3BL
England
Telephone (0742) 449066
Telex 547139

ANGLO-AMERICAN
ENTERPRISES CORP.
401 - 403 Kennedy Blvd.
Somerdale, N.J. 08083

BRT/2/84